



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

December 18, 1995

-- VIA FEDERAL EXPRESS --

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #43-19-9-18Y  
NE SE Section 19, T9S, R18E  
Uintah County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

As operator, we request that the status be held tight in accordance with Federal regulations.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

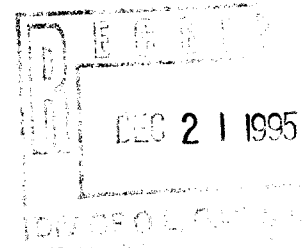
*Bobbie Schuman*

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division *N9890*

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

NE SE Section 19, T9S, R18E

2140' FSL, 500' FEL

652

152

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

From Myton, Utah, approximately 22 miles SW

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5,350'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5151'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

February 1, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining

DEC 21 1995

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Bobbie Schuman*

TITLE

Regulatory and  
Environmental Specialist

DATE

*December 18, 1995*

(This space for Federal or State office use)

PERMIT NO.

*43-047-32730*

APPROVAL DATE

TITLE

*Petroleum Engineer*

DATE

*2/5/96*

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

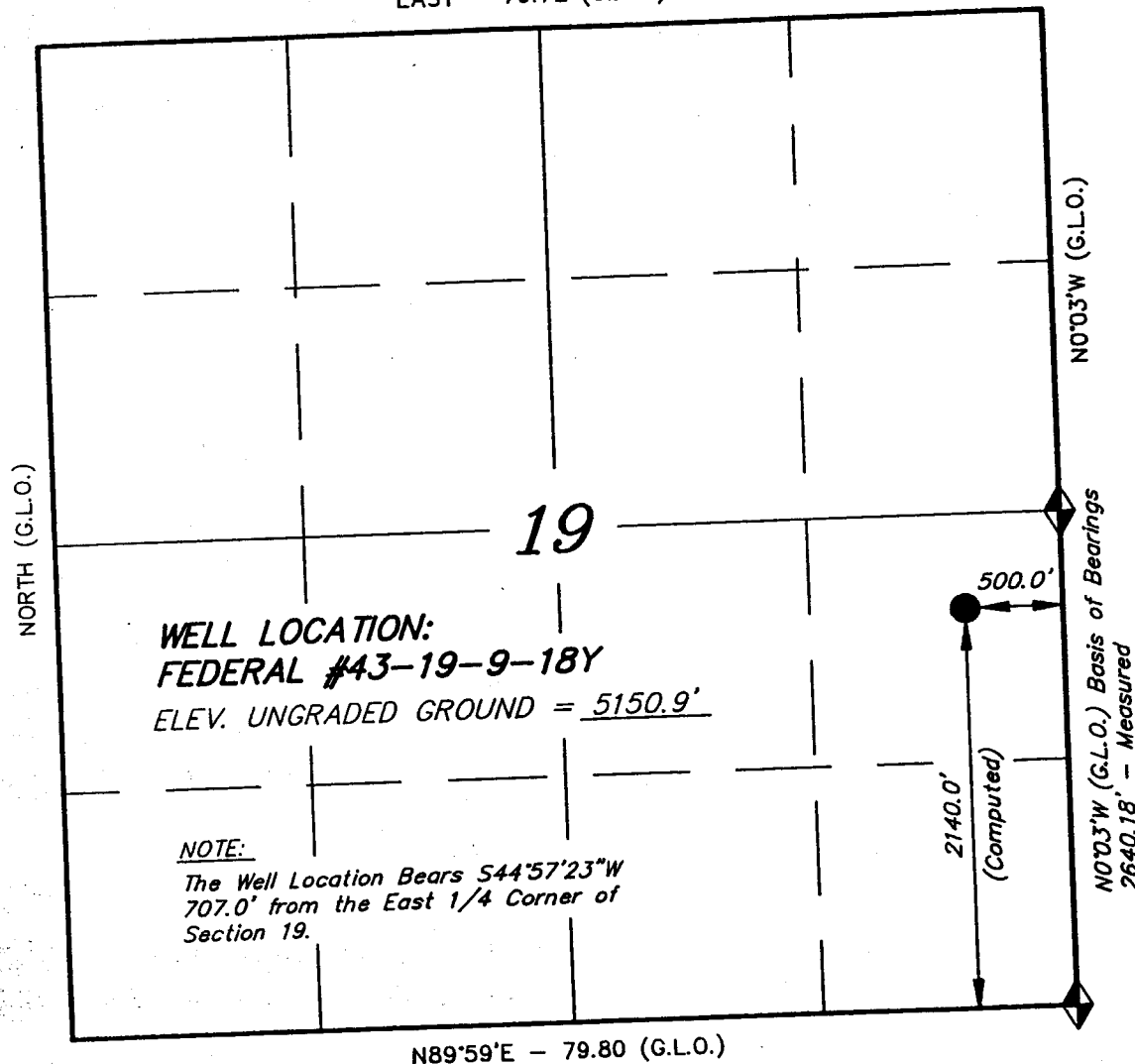
**T9S, R18E, S.L.B.&M.**

**EQUITABLE RESOURCES ENERGY CO.**

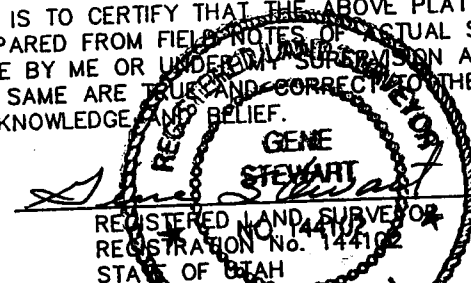
EAST - 79.72 (G.L.O.)

WELL LOCATION, FEDERAL #43-19-9-18Y,  
LOCATED AS SHOWN IN THE NE 1/4 SE 1/4  
OF SECTION 19, T9S, R18E, S.L.B.&M.  
UINTAH COUNTY, UTAH.

EXHIBIT "K"



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**  
38 WEST 100 NORTH - VERNAL, UTAH 84078  
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: S.S. T.M.
DATE: 10-13-95	WEATHER: COOL
NOTES:	FILE #



= SECTION CORNERS LOCATED  
BASIS OF BEARINGS; G.L.O. DATED 1910  
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

## EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

11/30/95  
/rs

# **CONFIDENTIAL**

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company,  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860**

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #43-19-9-18Y  
NE SE Section 19, T9S, R18E  
Uintah County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.



**SURFACE USE PROGRAM**

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #43-19-9-18Y  
NE SE Section 19, T9S, R18E  
Uintah County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. **EXISTING ROADS:**

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 16.9 miles to a road intersection. Turn right and continue 1.0 miles to a road intersection. Turn right and proceed 0.8 miles to existing location #41-19. Turn left and continue 0.3 miles to existing location #42-19 and the proposed access road sign. Follow flags 0.2 miles to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. **PLANNED ACCESS ROADS:** See EXHIBIT "F" Maps A & B

- a. Approximately 0.2 miles of new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. Width: Maximum 30' overall right-of-way with an 18' running surface.

- e. Maximum grade: < 8%
- f. Turnouts: None
- g. Drainage design: Low water crossing if necessary.
- h. No culverts or bridges are necessary.
- i. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- e. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.

- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing,

but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the West side of the location.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the East side between Corners 1 and 2.
- h. Access to the wellpad will be from the North between corners 7 and 8.
- i. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
  - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
  - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations

in the vicinity of the discovery and immediately report the finding to the BLM District Office.

- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- e. If a silt catchment dam is necessary, it will be flagged by the BLM and have the location noted in the Conditions of Approval.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, Montana 59102  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

Dave McCoskery, Operations Manager      Home: (406) 248-3864  
Mobile: (406) 698-3732

Dale Griffin, Operations Supervisor      Mobile: (801) 828-7291  
Home: (801) 781-1018

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 18, 1995  
Date

Bobbie Schuman  
Bobbie Schuman  
Regulatory and Environmental  
Specialist  
Equitable Resources Energy  
Company, Balcron Oil Division

/rs



EXHIBIT "C"

<b>Report To:</b>	1st Name: <u>DAVE BICKERSTAFF</u>	Phone #	(406)259-7860	wk.	(406)245-2261	hm.
	2nd Name: <u>KEVEN REINSCHMIDT</u>	Phone #	"	wk.	(406)248-7026	hm.
<b>Prepared By:</b>	DAVE BICKERSTAFF	11/9/95	Phone #	wk.		hm.



EQUITABLE RESOURCES  
ENERGY COMPANY  
BALCRON OIL DIVISION

## **DRILLING PROGRAM**

WELL NAME: Monument Federal #43-19-9-18Y  
PROSPECT/FIELD: Eight Mile Flat  
LOCATION: NE/SE Section 19 Twn.9S Rge.18E  
COUNTY: Uintah  
STATE: Utah

DATE: 12-11-95

TOTAL DEPTH: 5350

### **HOLE SIZE      INTERVAL**

12 1/4"	Surface to 260'
7 7/8"	260' to 5350'

### **CASING**

### **INTERVAL**

### **CASING**

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5350'	5 1/2"	15.50	K55

### **CEMENT PROGRAM**

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

### **PRELIMINARY DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

### **COMMENTS**

1.) No cores or tests are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Federal 43-19-9-18Y
Project ID:	Location: Uintah/Utah

Design Parameters:

Mud weight ( 9.00 ppg) : 0.468 psi/ft  
 Shut in surface pressure : 1966 psi  
 Internal gradient (burst) : 0.100 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Body Yield : 1.50 (B)  
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,350	5-1/2"	15.50	K-55	ST&C	5,350	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	2501	4040	1.615	2501	4810	1.92	82.93	222	2.68 J

Prepared by : McCoskery, Billings, MT  
 Date : 11-30-1995  
 Remarks :

Minimum segment length for the 5,350 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 2,501 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

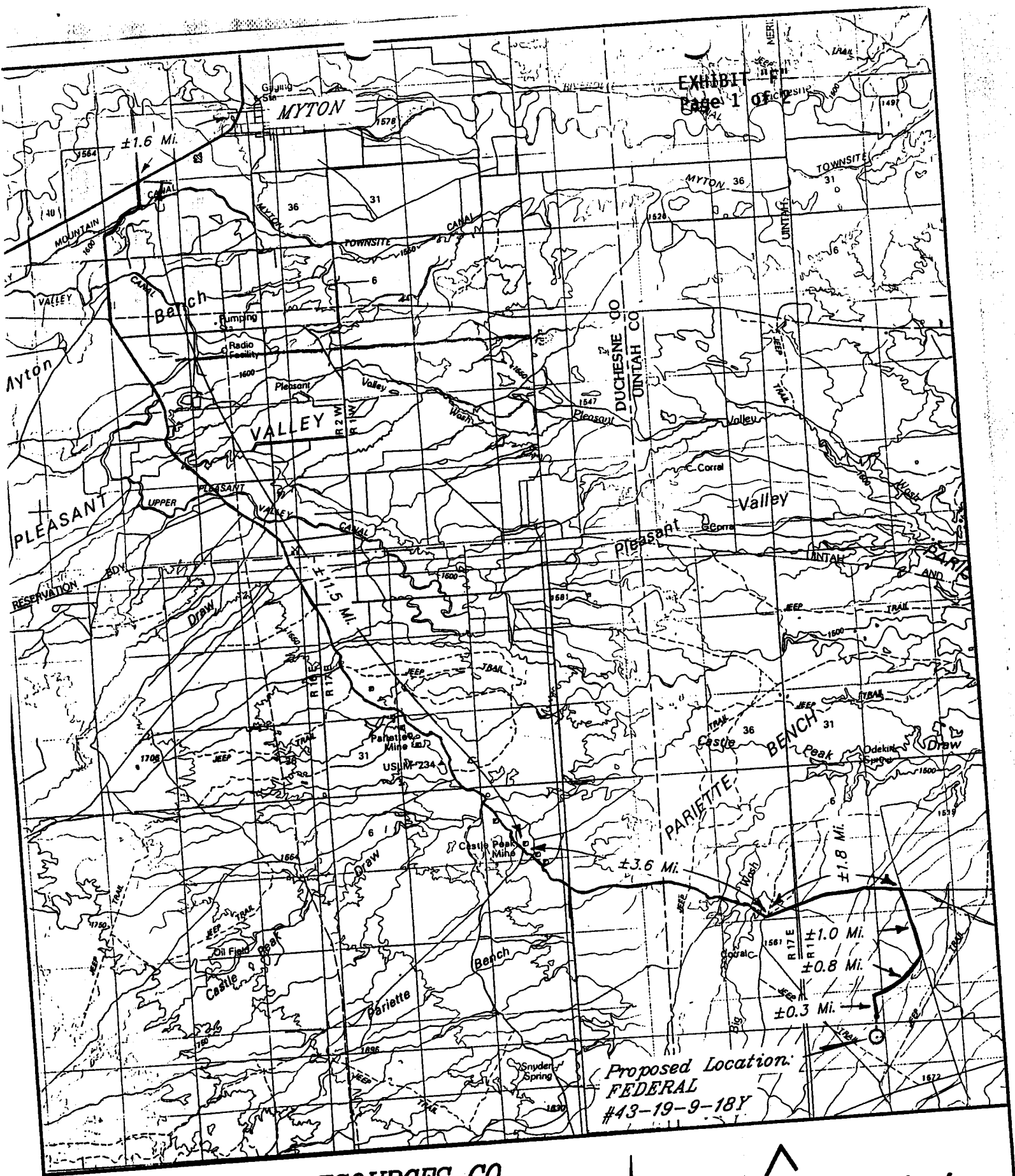
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93  
Revised 12/7/93  
/rs

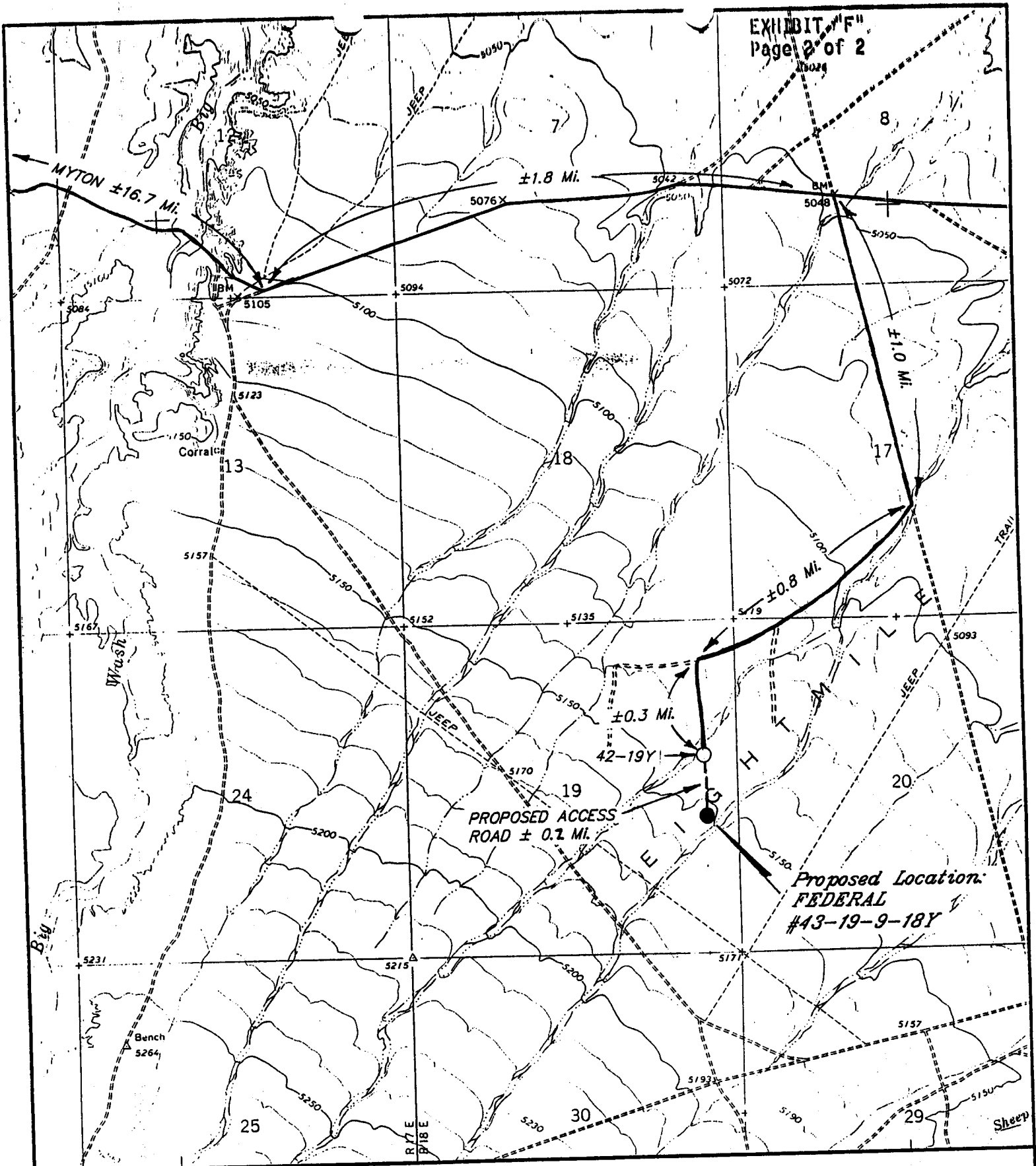


**EQUITABLE RESOURCES CO.**

FEDERAL #43-19-9-18Y  
SEC.19, T9S, R18E, S.L.B.&M.  
TOPO "A"

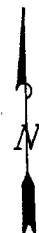


**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078



**EQUITABLE RESOURCES CO.**

FEDERAL #43-19-9-18Y  
SEC. 19, T9S, R18E, S.L.B. & M.  
TOPO "B"

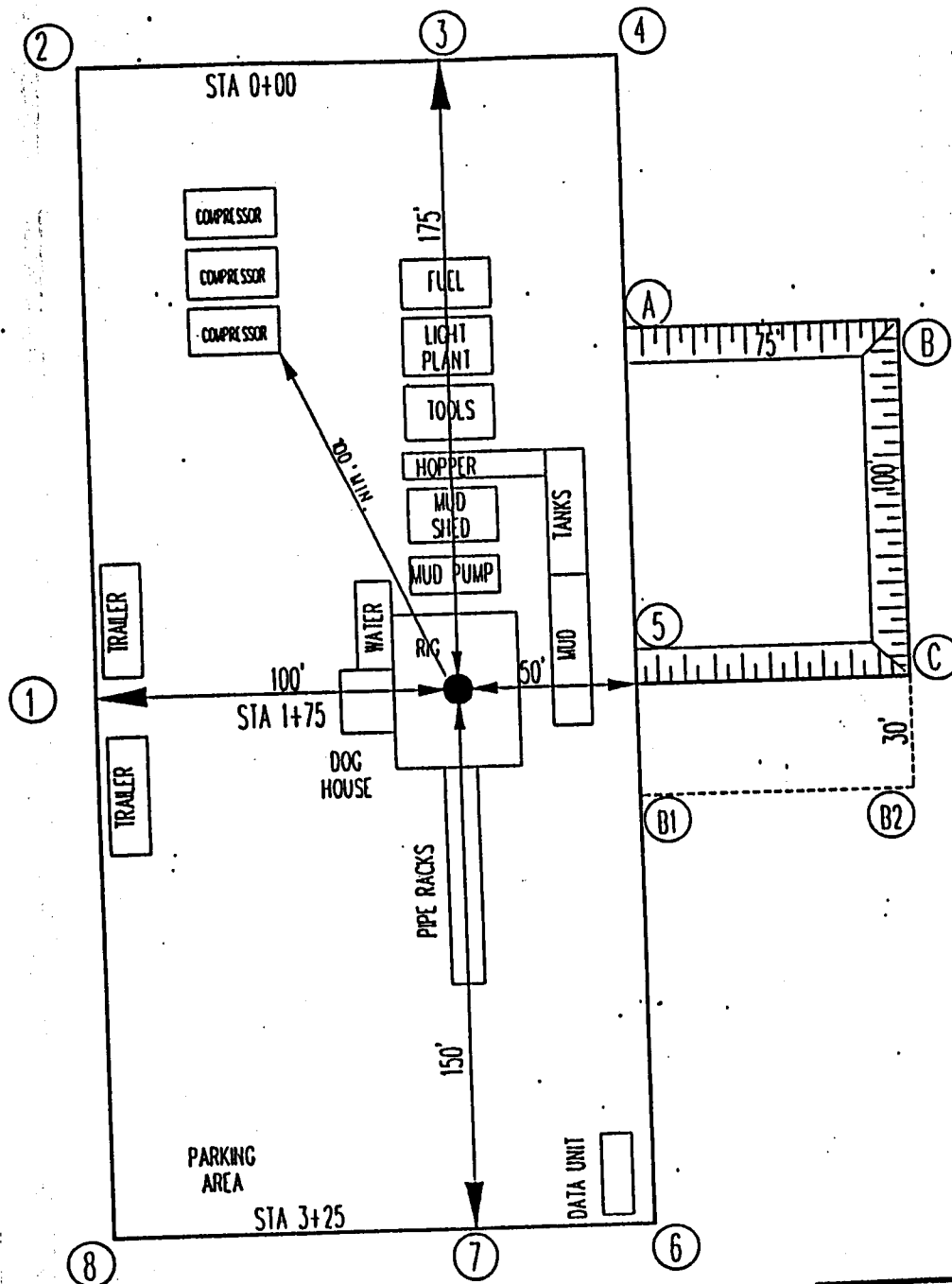


SCALE: 1" = 2000'

**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

# EQUITABLE RESOURCES ENERGY CO.

## WELLSITE LAYOUT



**TRI-STATE**  
**LAND SURVEYING, INC.**  
 38 WEST 100 NORTH, VERNAL, UTAH 84478  
 801-781-2501

EXHIBIT "H"

UNION DRILLING RIG #17

Hex Kelly -

Rotating Head

Adj. Choke

Air Bowl

7" Flowline

#3000  
Blind Rm. Pipe Rm.

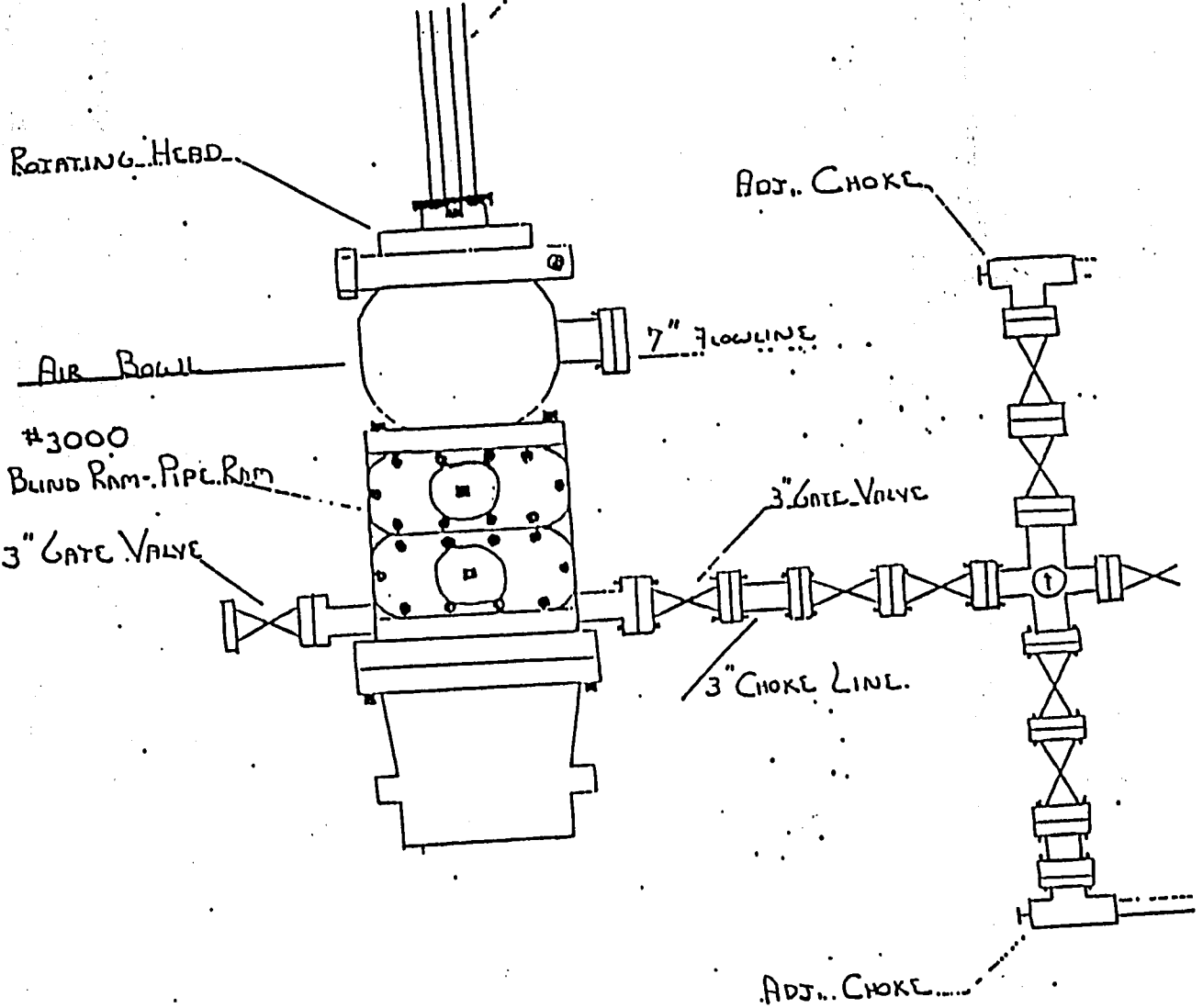
3" Gate Valve

3" Gate Valve

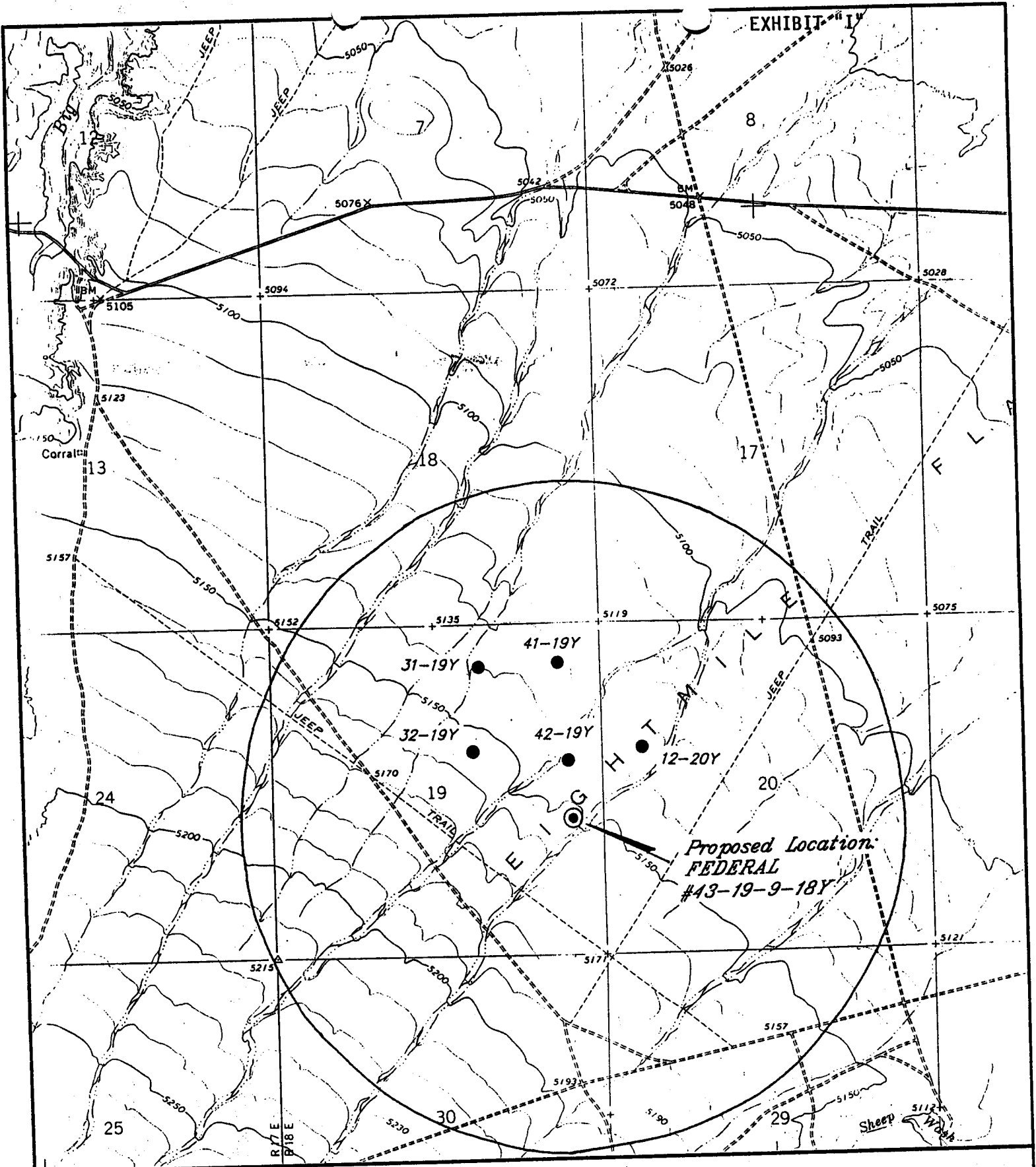
3" Choke Line

Adj. Choke

#3000 Stack

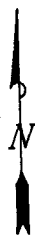






**EQUITABLE RESOURCES CO.**

FEDERAL #43-19-9-18Y  
SEC.19, T9S, R18E, S.L.B.&M.  
TOPO "C"

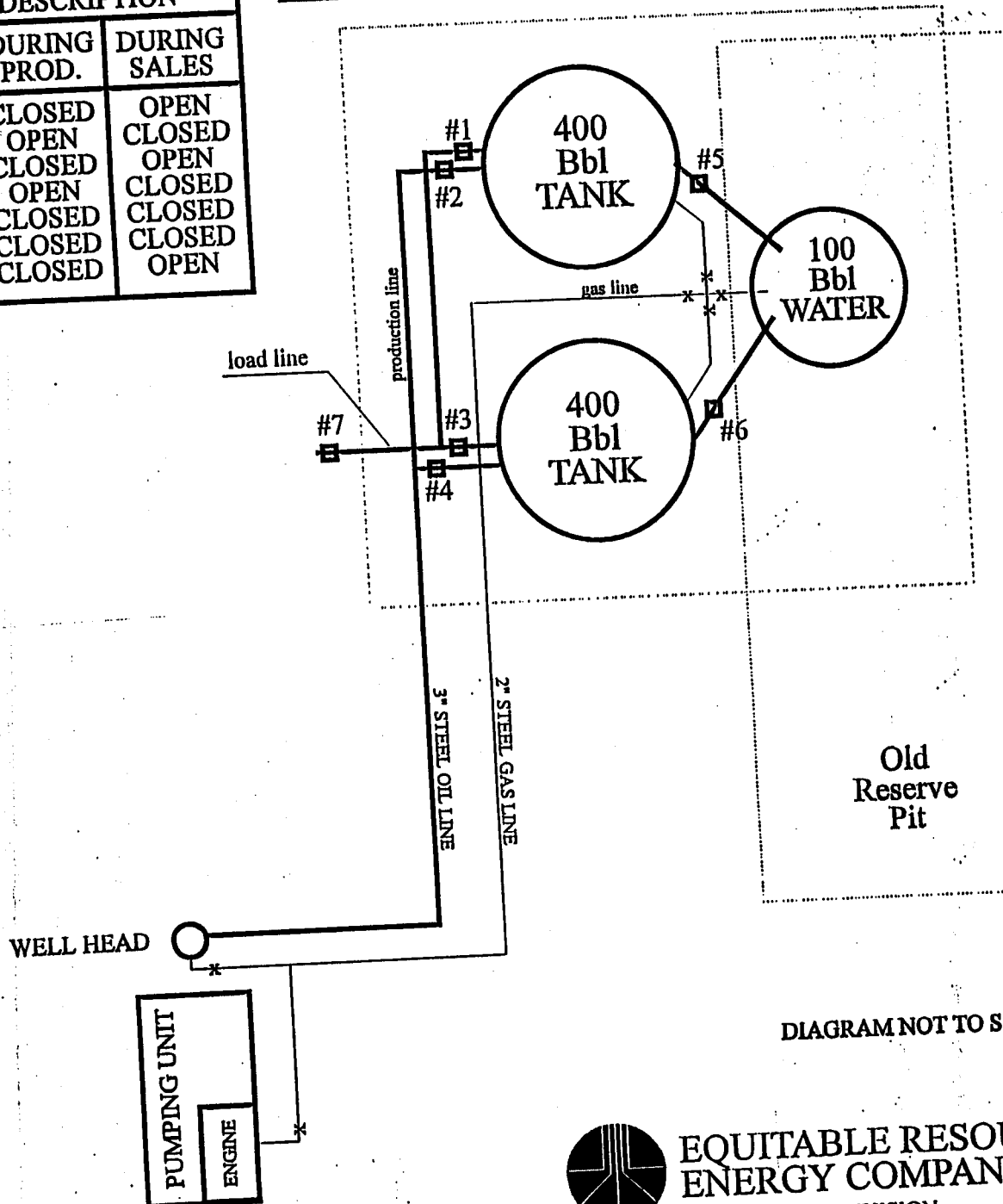


**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

DIKE

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN



Old Reserve Pit

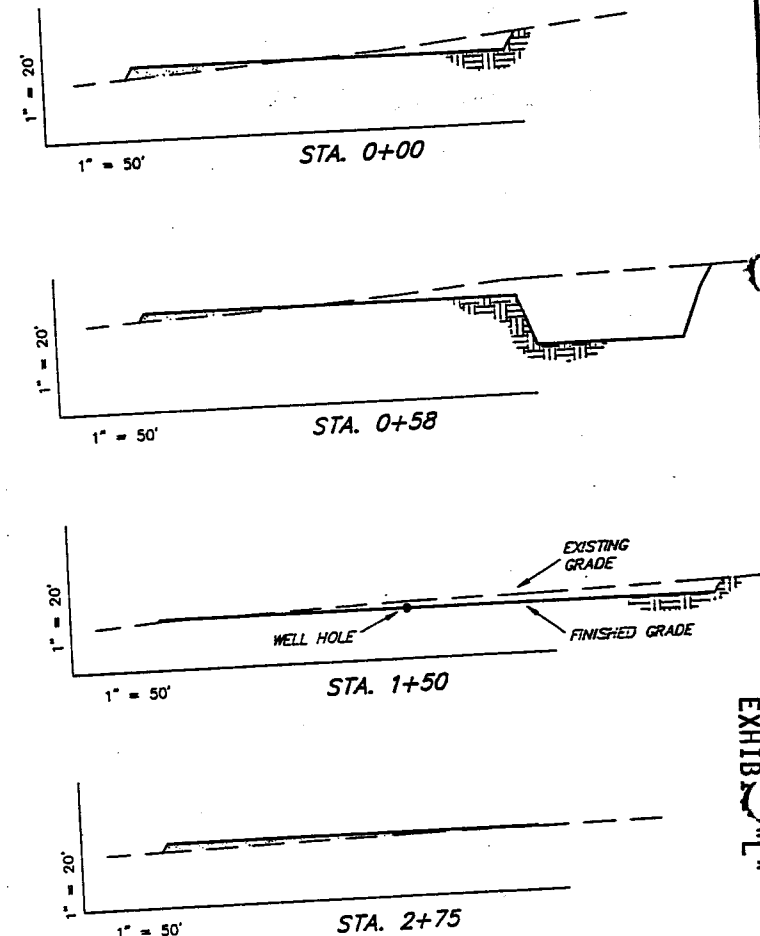
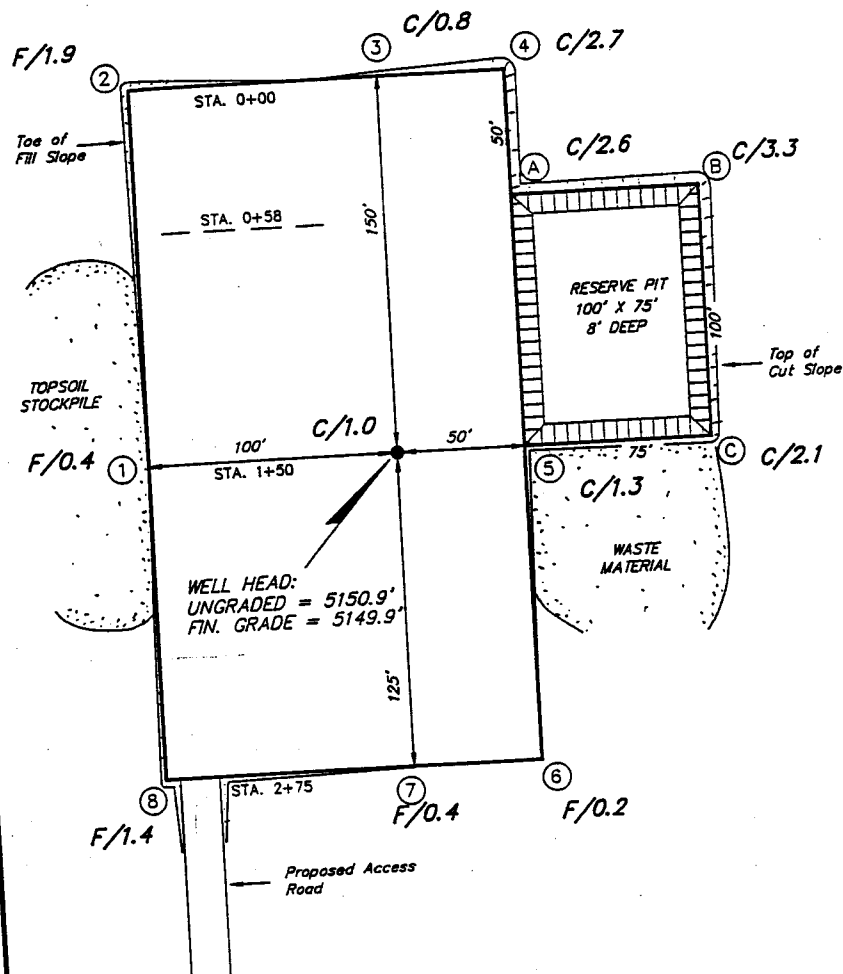
DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION  
1601 Lewis Avenue  
Billings, MT 59106-2  
(406) 259-7860

# EQUITABLE RESOURCES ENERGY CO.

FEDERAL #43-19-9-18Y  
SECTION 19, T9S, R18E, S.L.B.&M.



**REFERENCE POINTS**  
150' EAST = 5148.0'  
200' EAST = 5146.5'  
175' NORTH = 5148.6'  
225' NORTH = 5147.8'

**APPROXIMATE YARDAGES**  
CUT = 810 Cu. Yds.  
FILL = 810 Cu. Yds.  
PIT = 1,940 Cu. Yds.  
6" TOPSOIL = 900 Cu. Yds.

SURVEYED BY: S.S. T.M.	<p><b>Tri State</b> Land Surveying, Inc. (801) 781-2501 38 WEST 100 NORTH VERNAL, UTAH 84078</p>
DRAWN BY: J.R.S.	
DATE: 10-13-95	
SCALE: 1" = 50'	
FILE:	

EXHIBIT "L"

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/95

API NO. ASSIGNED: 43-047-32730

WELL NAME: MONUMENT FED 43-19-9-18Y  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NESE 19 - T09S - R18E  
SURFACE: 2140-FSL-0500-FEL  
BOTTOM: 2140-FSL-0500-FEL  
UINTAH COUNTY  
EIGHT MILE FLAT NORTH FIELD (590)

LEASE TYPE: FED  
LEASE NUMBER: U-65636

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 5547188)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number 47-1674)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
\_\_\_ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: EQUITABLE RESOURCES</b>	<b>Well Name: MONUMENT FED 43-19-9</b>
<b>Project ID: 43-047-32730</b>	<b>Location: SEC. 19 - T09S - R18E</b>

**Design Parameters:**

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 2130 psi  
 Internal gradient (burst) : 0.064 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

**Design Factors:**

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (8)

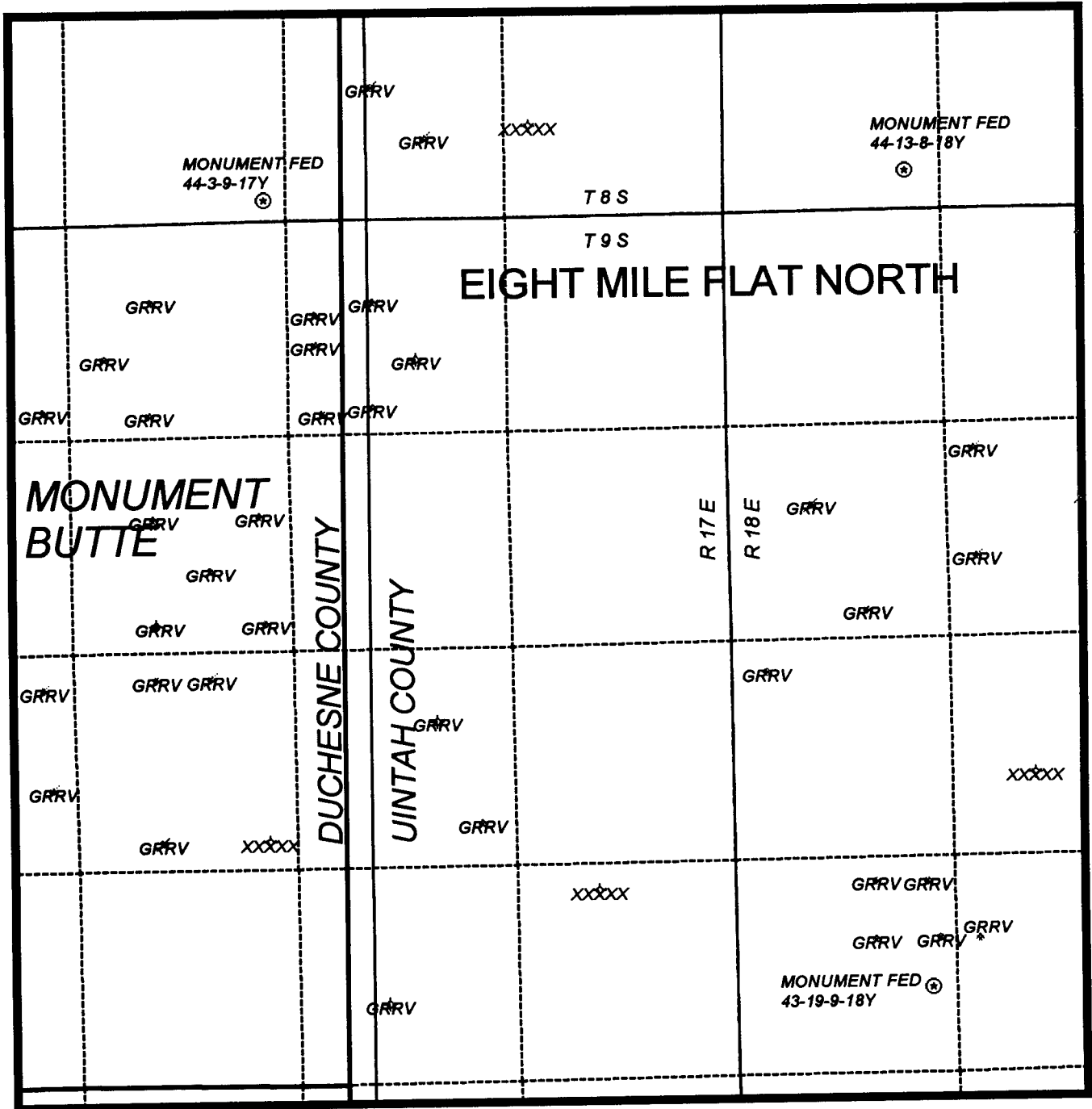
Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,350	5.500	15.50	K-55	ST&C	5,350	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2474	4040	1.633	2474	4810	1.94	82.93	222	2.68 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 02-05-1996  
 Remarks :

Minimum segment length for the 5,350 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 114°F (Surface 74°F , BHT 149°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,474 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

**EQUITABLE RESOURCES ENERGY CORP.  
DEVELOPMENT DRILLING, MONUMENT BUTTE &  
EIGHT MILE FLAT NORTH  
DUCHESNE & UINTAH COUNTY, UAC R649-3-2**



Equitable Resources Monument Fed. 43-19-9-184  
43-047-32730

↑  
North

) Access )

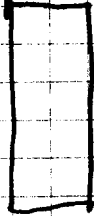
wellhead



Pump  
Jack

Gas  
Engine

Propane



Berm

Pit  
Tank

400  
Bbl.  
Production  
Tank

400  
Bbl.  
Production  
Tank

Top  
Soil



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

**FEB - 5 1996**

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

January 30, 1996

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078-2799

Gentlemen:

Enclosed are the Archeological Reports for the following Monument Federal wells:  
#34-3-9-17Y, #31-9-10-17Y, #32-10-9-17Y, #11-11-9-17Y, #14-21-9-18Y, #43-  
19-9-18Y, #32-20-9-18Y, #33-22-8-17Y, #33-17-9-17B, #23-17-9-17B, #44-31-  
8-18Y, #33-6-9-16Y, and #41-35-9-18Y.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining



**CULTURAL RESOURCE EVALUATION  
OF THIRTEEN PROPOSED WELL LOCATIONS & ACCESS ROUTES  
IN THE CASTLE PEAK DRAW LOCALITY OF  
DUCHESNE & UINTAH COUNTIES, UTAH**

Report Prepared for Balcron Oil Division  
(Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y)

Dept. of Interior Permit No.: UT-95-54937  
AERC Project 1512 (BLCR-95-8B)

Utah State Project No.: UT-95-AF-773b

Principal Investigator  
F. Richard Hauck, Ph.D.

Author of the Report  
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH  
CORPORATION (AERC)**

181 North 200 West, Suite 5  
Bountiful, Utah 84010

January 23, 1996

## **ABSTRACT**

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of thirteen proposed well locations (Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y) and their 3.1 miles of associated access routes situated on public lands administered by the Bureau of Land Management, Vernal District. This project area is located in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 167.53 acres, of which 130 acres were associated with the well pads and an additional 37.53 acres were associated with the various access routes. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci of significance were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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## **GENERAL INFORMATION**

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved thirteen proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 8). These well locations include Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y. An area of ten acres was inventoried for each well pad for a total of 130 acres. About 3.1 miles of access routes totaling some 37.53 acres was also examined for cultural resource presence for a total of 167.53 acres. All of these well locations and access routes are situated on public lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404; the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

### **Project Location**

The project location is in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Duchesne and Uintah Counties, Utah. The various locations are shown on the Pariette Draw SW, Myton SE, Myton SW, and Moon Bottom 7.5 minute topographic quads (see Maps 2-8).

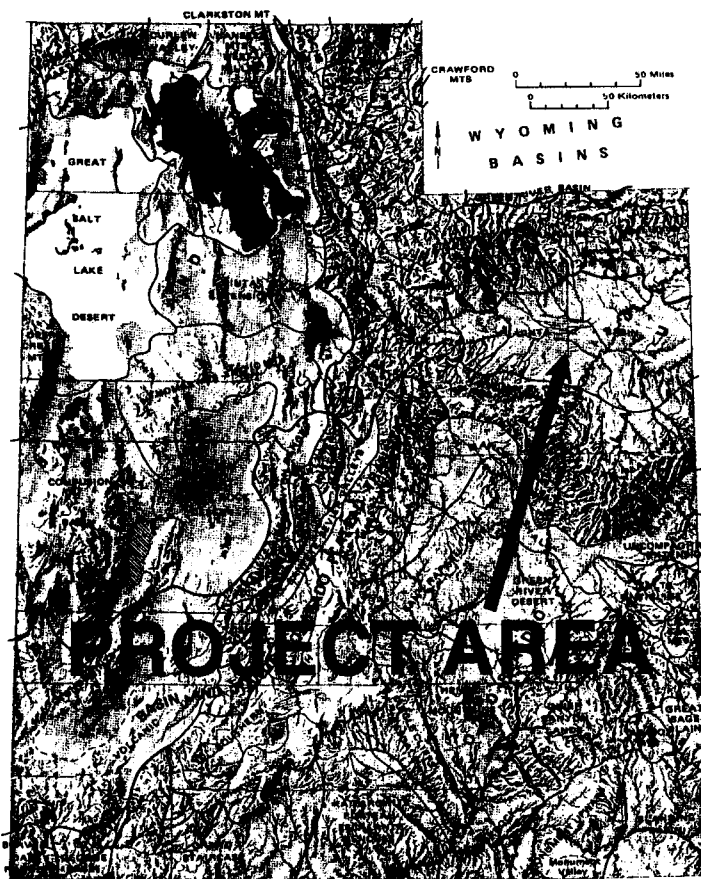
Monument Federal Unit 34-3-9-17Y is situated in the Southwest quarter of the Southeast quarter of Section 3, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 31-10-9-17Y is situated in the Northwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

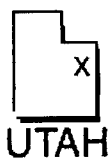
**MAP 1: GENERAL PROJECT LOCALITY  
IN  
UINTAH AND DUCHESNE COUNTIES  
UTAH**

**1  
N**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** see below  
**QUAD:** see below  
**DATE:** January 22, 1996



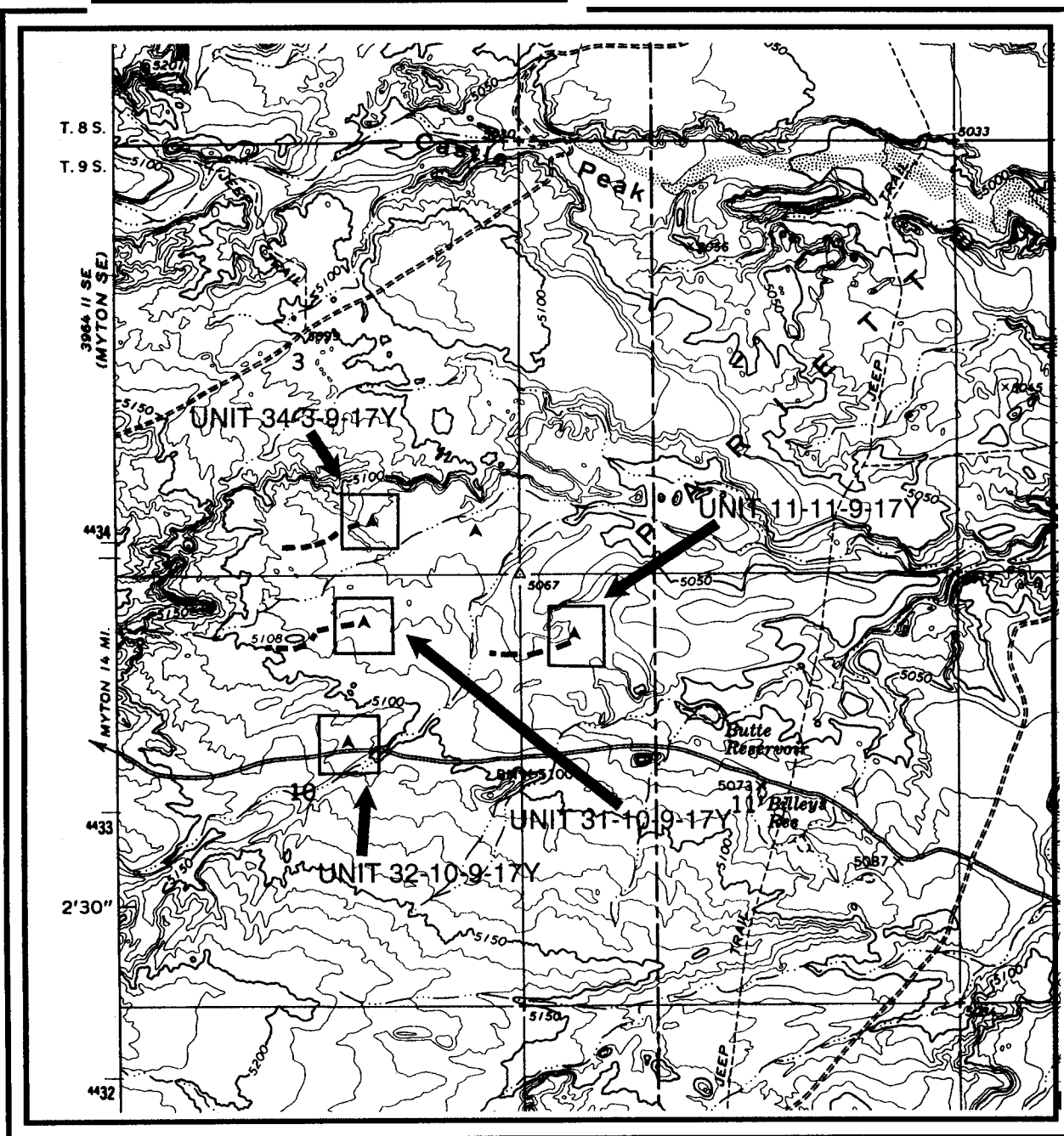
UTAH GEOLOGICAL AND MINERAL SURVEY  
MAP 43 1977  
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH  
BY W.L. STOKES



**TOWNSHIP:** MULTIPLE  
**RANGE:** MULTIPLE  
**MERIDIAN:** SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE CASTLE PEAK DRAW  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**



**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SE, Utah  
**DATE:** January 22, 1996



**LEGEND**



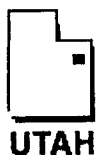
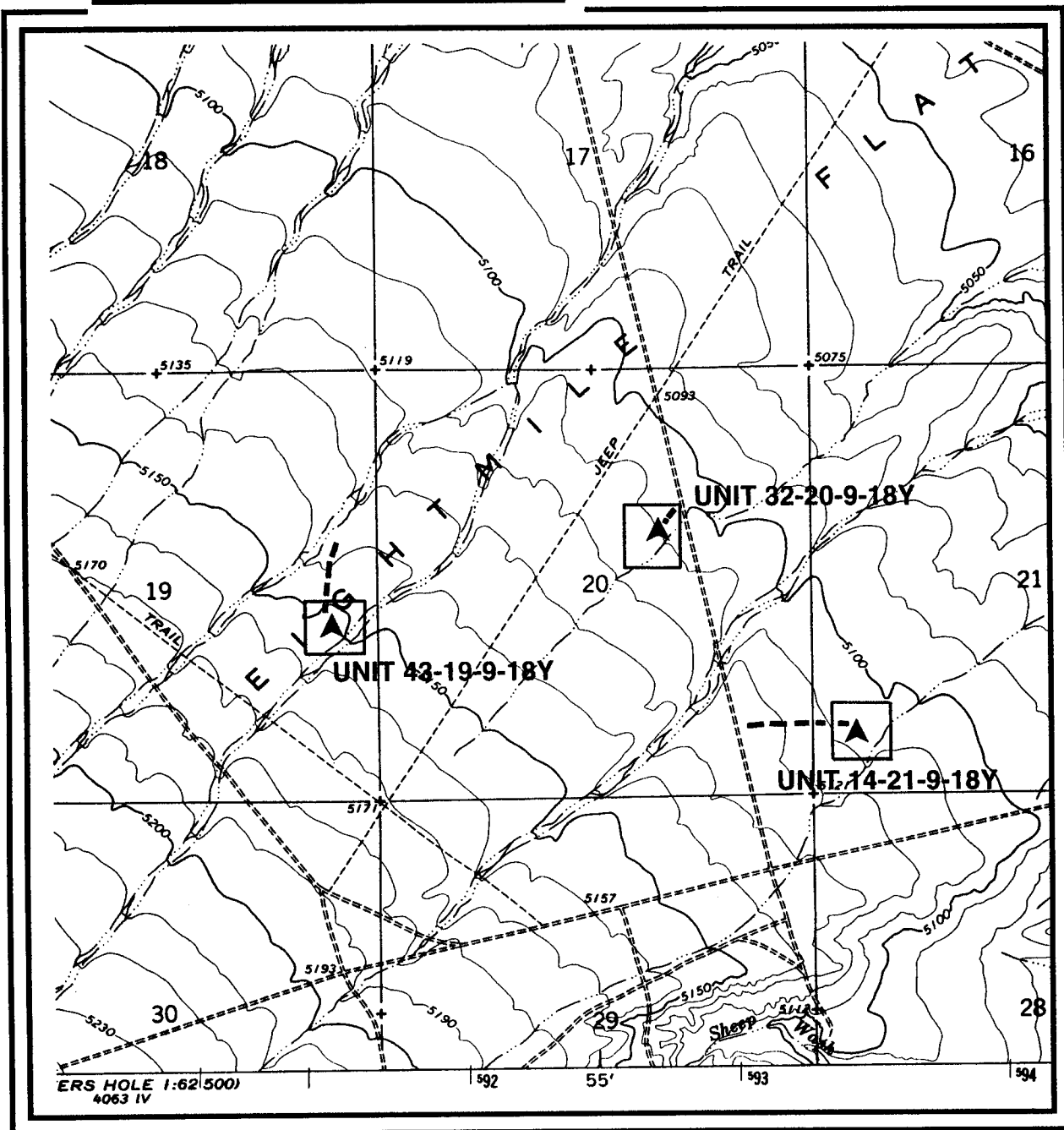
**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location**   
**Access Route** 

**Ten Acre  
Survey  
Area** 

**MAP 3: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE EIGHTMILE FLAT  
LOCALITY OF UINTAH COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SE, Utah  
**DATE:** January 22, 1996



**TOWNSHIP:** 9 South  
**RANGE:** 18 East  
**MERIDIAN:** Salt Lake B. & M.

**LEGEND**

Well Location

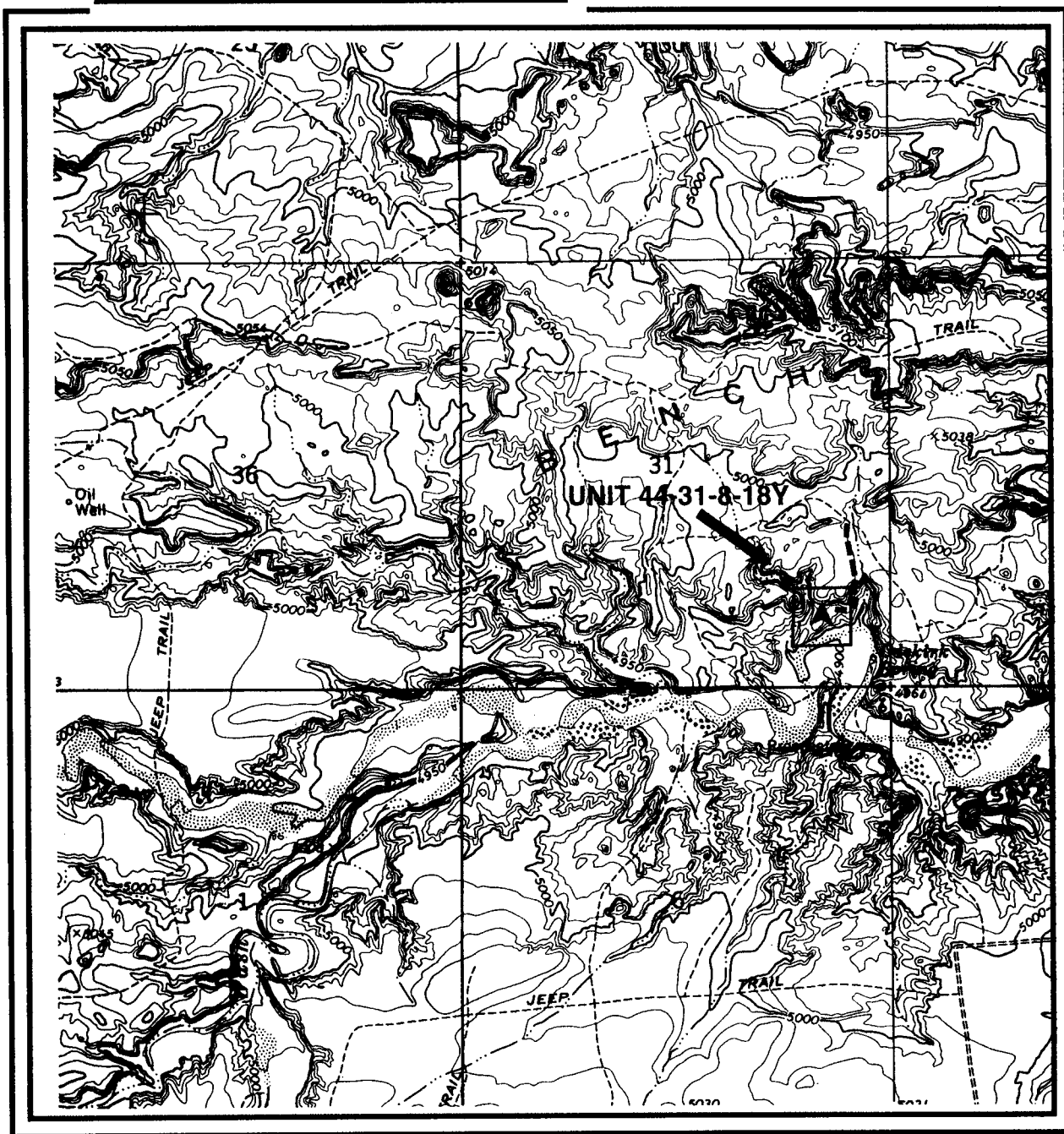
Access Route

Ten Acre  
Survey  
Area



**MAP 4: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 44-31-8-18Y  
IN THE CASTLE PEAK DRAW  
LOCALITY OF UINTAH COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** January 22, 1996



**LEGEND**



**TOWNSHIP:** 8 South  
**RANGE:** 18 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location**



**Access Route**

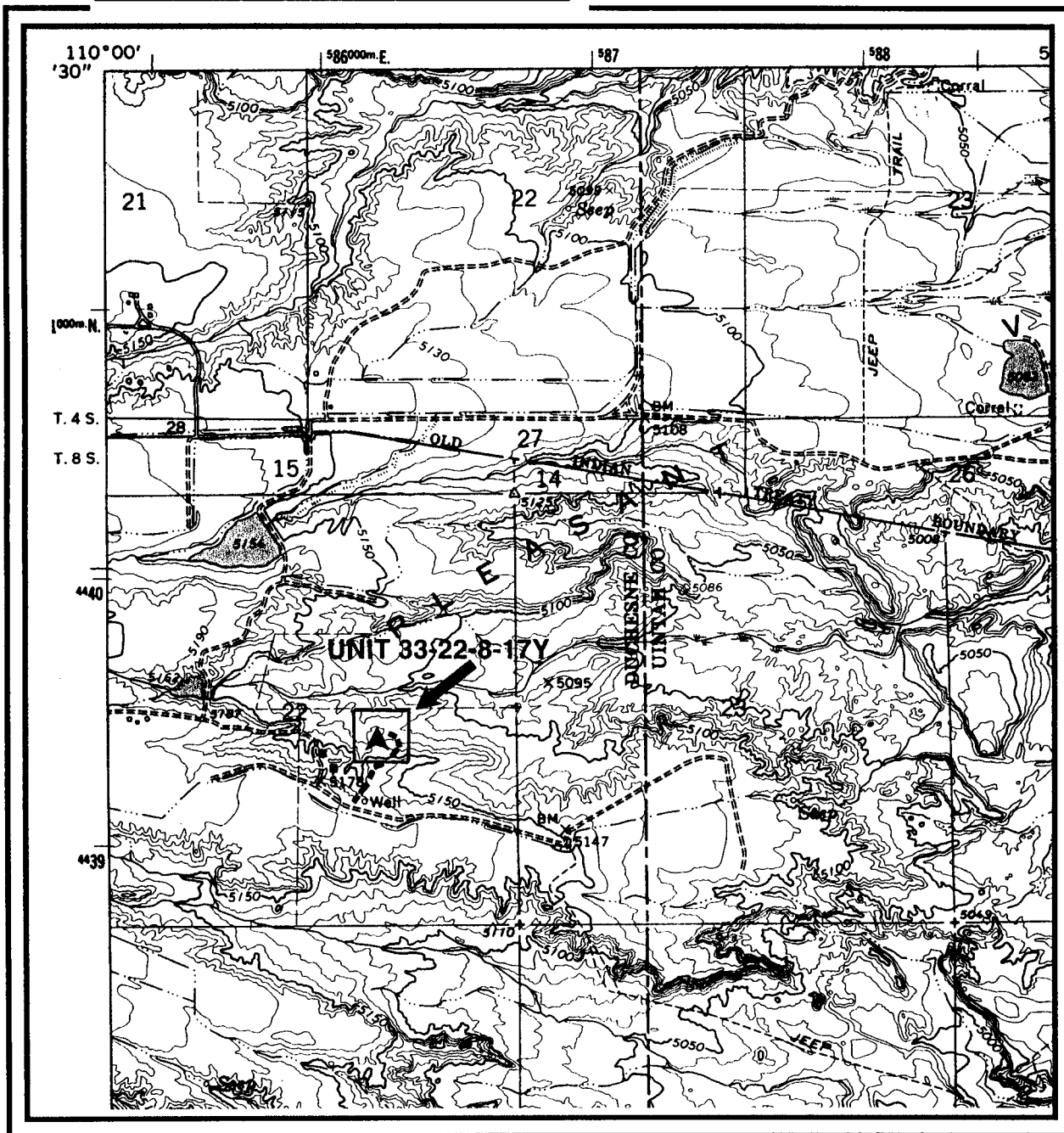


**Ten Acre  
Survey  
Area**



**MAP 5: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 33-22-8-17Y  
IN THE PLEASANT VALLEY  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 8 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location**



**Access Route**

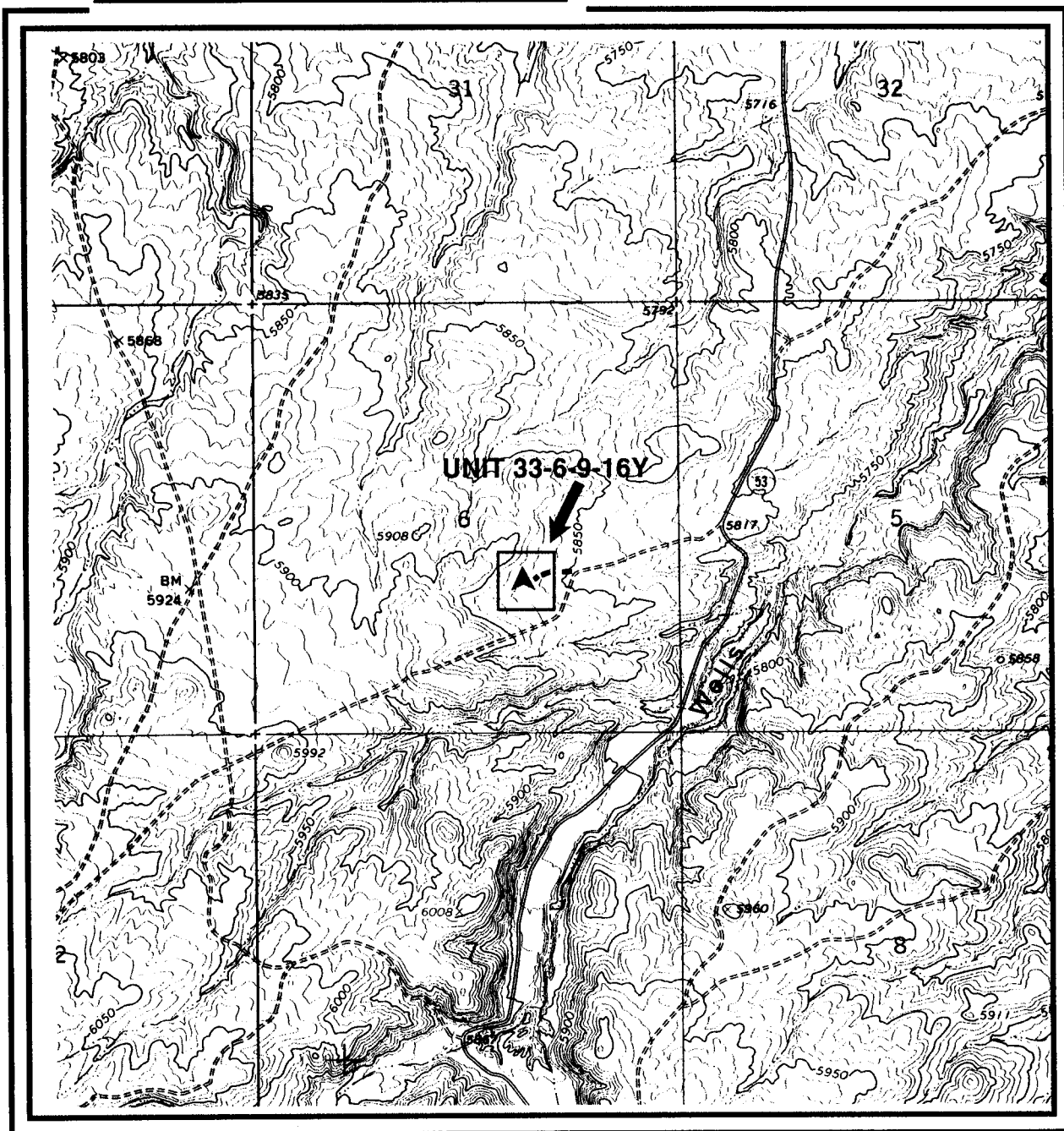


**Ten Acre  
Survey  
Area**



**MAP 6: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 33-6-9-16Y  
IN THE WELLS DRAW  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Myton SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 9 South  
**RANGE:** 16 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location**



**Access Route**

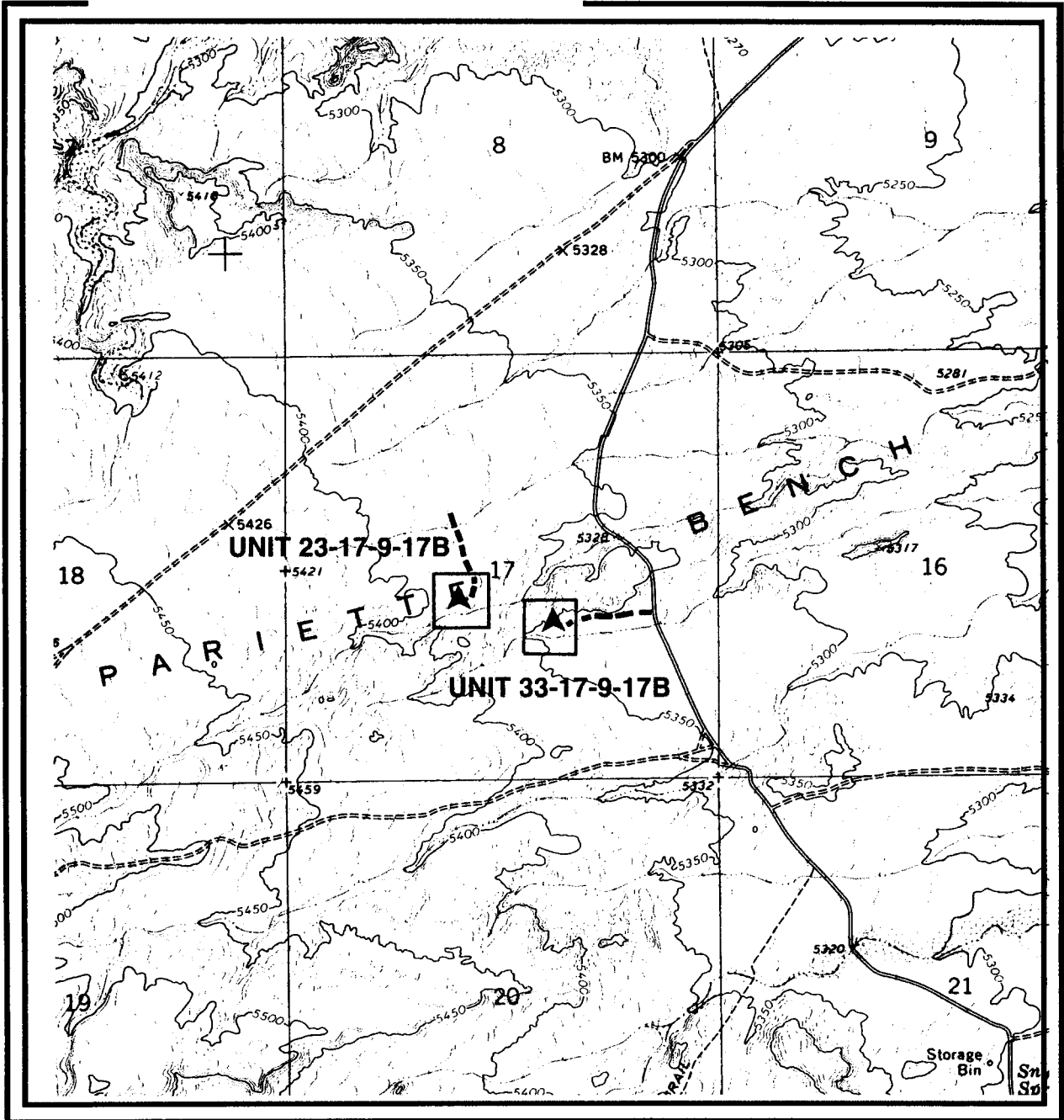


**Ten Acre  
Survey  
Area**



**MAP 7: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE PARIETTE BENCH  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Myton SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

Well Location



Access Route

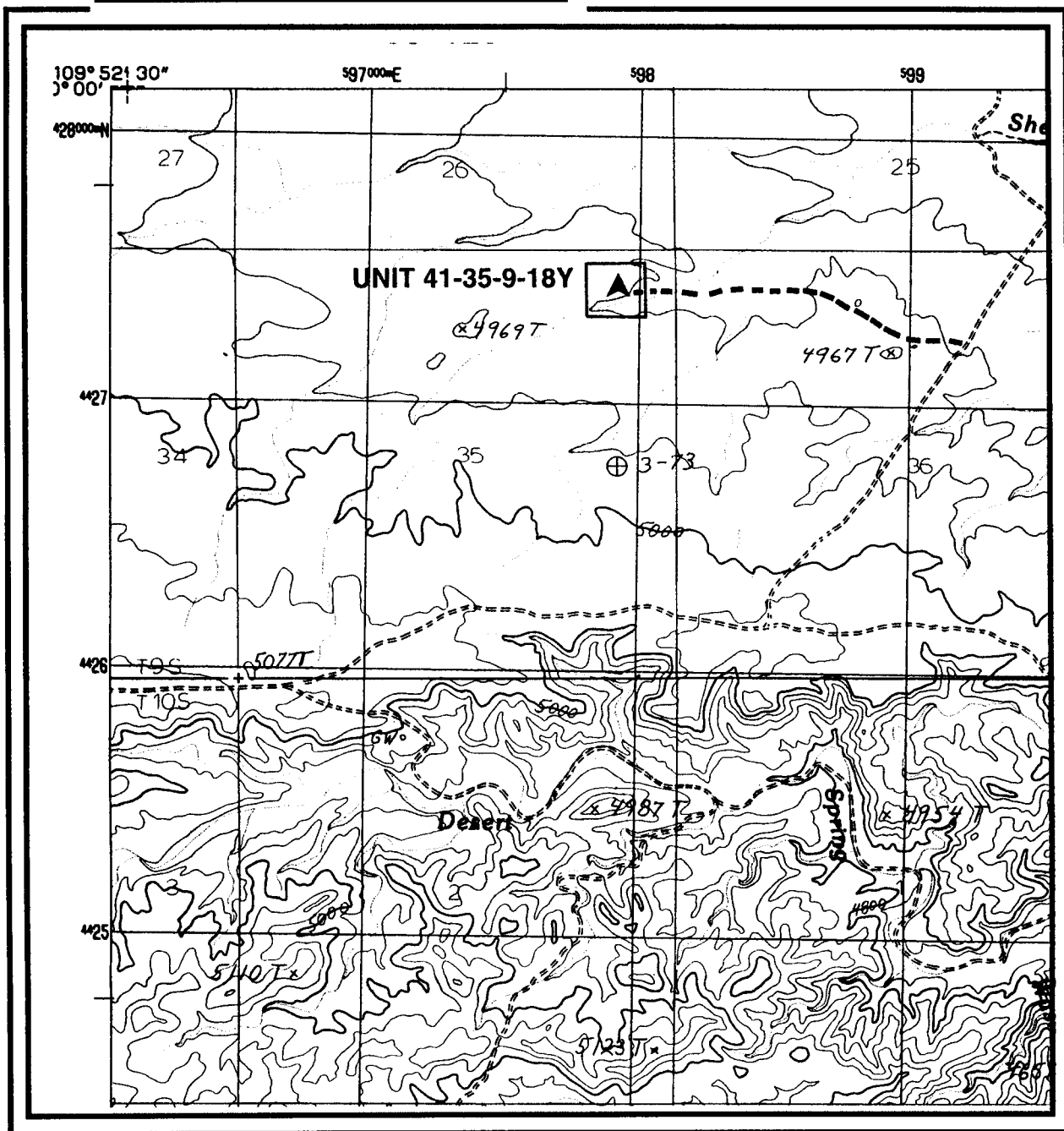


Ten Acre  
Survey  
Area



**MAP 8: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 41-35-9-18Y  
IN THE DESERT SPRING WASH  
LOCALITY OF UINTAH COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Moon Bottom, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 9 South  
**RANGE:** 18 East  
**MERIDIAN:** Salt Lake B. & M.

Well Location



Access Route



Ten Acre  
Survey  
Area



Monument Federal Unit 32-10-9-17Y is situated in the Southwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2).

Monument Federal Unit 11-11-9-17Y is situated in the Northwest quarter of the Northwest quarter of Section 11, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 43-19-9-18Y is situated in the Northeast quarter of the Southeast quarter of Section 19, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 32-20-9-18Y is situated in the Southwest quarter of the Northeast quarter of Section 20, Township 9 South, Range 18 East (see Map 3).

Monument Federal Unit 14-21-9-18Y is situated in the Southwest quarter of the Southwest quarter of Section 21, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 44-31-8-18Y is situated in the Southeast quarter of the Southeast quarter of Section 31, Township 8 South, Range 18 East (see Map 4). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 33-22-8-17Y is situated in the Northwest quarter of the Southeast quarter of Section 22, Township 8 South, Range 17 East (see Map 5). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-6-9-16Y is situated in the Northwest quarter of the Southeast quarter of Section 6, Township 9 South, Range 18 East (see Map 6). Access to this location is via a 0.1 mile-long access route.

Monument Federal Unit 23-17-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-17-9-17B is situated in the Northwest quarter of the Southeast quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 41-35-9-18Y is situated in the Northeast quarter of the Northeast quarter of Section 35, Township 9 South, Range 18 East (see Map 8). Access to this location is via a 0.8 mile-long access route.

## **Environmental Description**

The project area is within the 4900 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

## **PREVIOUS RESEARCH IN THE LOCALITY**

### **File Search**

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

### **Prehistory and History of the Cultural Region**

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological

## Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

### Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

## FIELD EVALUATIONS

### Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The combined acreage for the various access road corridors and the thirteen well locations totals some 167.53 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by



Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination whether a particular site is a significant resource, i.e., whether it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below. The Principal Investigator then develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of any given significant resource which may be situated within the potential development zone.

### **Site Significance Criteria**

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

*The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:*

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

### **Results of the Inventory**

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these 13 well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation.

No paleontological loci of significance were identified during the evaluations.

### **CONCLUSION AND RECOMMENDATIONS**

No known significant cultural resources will be adversely impacted during the development and operation of the 13 proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.  
President and Principal Investigator

## **REFERENCES**

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- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.**
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**Hauck, F. Richard and Glade V Hadden**

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**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

February 5, 1996

Equitable Resources Energy  
1601 Lewis Avenue  
Billings, Montana 59102-4126

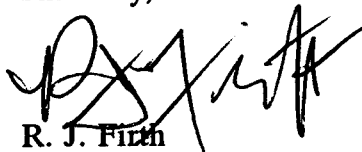
Re: Monument Federal #43-19-9-18Y Well, 2140' FSL, 500' FEL, NE SE, Sec. 19,  
T. 9 S., R. 18 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32730.

Sincerely,

  
R. J. Firth  
Associate Director

lwp  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WAPD



**Operator:** Equitable Resources Energy  
**Well Name & Number:** Monument Federal #43-19-9-18Y  
**API Number:** 43-047-32730  
**Lease:** U-65636  
**Location:** NE SE Sec. 19 T. 9 S. R. 18 E.

**Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

**2. Notification Requirements**

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

**3. Reporting Requirements**

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.





**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

43-047.32750

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

January 30, 1996

Mrs. Margie Herrmann  
Legal Instruments Examiner  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078-2799

Dear Mrs. Herrmann:

RE: Monument Federal #43-19-9-18Y  
NE SE Section 19, T9S, R18E  
Federal Lease #U-65635

43-047.32750

I have confirmed with our Land Department that #U-65635 not #U-65636 is the correct lease number for the referenced well. We are making the appropriate change in our paperwork and request that you do the same.

Thank you for bringing this to my attention.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining  
Gary Kabeary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NE SE Section 19, T9S, R18E

2140' FSL, 500' FEL

At proposed prod. zone

43-047-32730

RECEIVED

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

From Myton, Utah, approximately 22 miles SW

JAN 8 1996

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

FEB 12 1996

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,350'

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5151'

22. APPROX. DATE WORK WILL START\*

February 1, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

24.

SIGNED

*Robbie Schuman*

Regulatory and

TITLE Environmental Specialist

DATE

*December 18, 1995*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*[Signature]*

TITLE

ASSISTANT DISTRICT  
MANAGER MINERALS

DATE

FEB 06 1996

CONDITIONS OF APPROVAL, IF ANY:

Div 080-611-037

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 43-19-9-18Y

API Number: 43-047-32730

Lease Number: U-65635

Location: NESE Sec. 19 T. 9S R. 18E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. **DRILLING PROGRAM**

1. **Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered**

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. **Pressure Control Equipment**

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone identified at  $\pm 1465$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 1265$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals or notifications are necessary, please contact one of the following individuals:

Wayne P. Bankert      (801) 789-4170  
Petroleum Engineer

Ed Forsman              . (801) 789-7077  
Petroleum Engineer

BLM FAX Machine      (801) 781-4410



## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
Conditions of Approval (COAs)

Methods for Handling Waste Material and Disposal

The reserve pit will be lined with a plastic reinforced liner that is a minimum of 12 mil thickness and sufficient bedding (straw or dirt) to cover any rocks. The liner will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans for Reclamation of Location

If this is a producing well and after the reclamation of the reserve pit and unused disturbed areas on the well pad, contact the authorized officer of the BLM for a seed mixture to return these areas to revegetation.

At time of abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area, the stockpiled topsoil will be spread over the surface, and the area revegetated to the satisfaction of the Authorized Officer of the BLM.

Other Information

If the access road and oil well pad are scheduled to be constructed or the well is to be drilled between March 15 and August 15, contact the authorized officer of the BLM to coordinate additional surveys for mountain plover and burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities including installation of the pit liner.

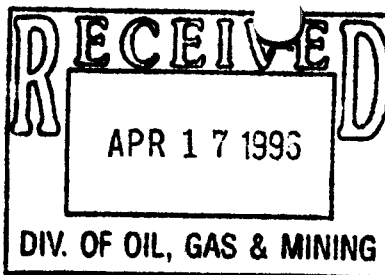
4-18-96



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☐

April 12, 1996

**CONFIDENTIAL**

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #43-19-9-18Y  
NE SE Section 19, T9S, R18E  
Uintah County, Utah  
API #43-047-32730

This letter is notice that the subject well was spud on 4-4-96. I apologize for the untimeliness of this notice.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad  
Operations Secretary

/mc

cc: Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action  
Form  
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX  
Bobbie Schuman

OPERATOR Equitable Resources Energy Company

OPERATOR ACCT. NO. N 9890

ADDRESS 1601 Lewis Avenue

Billings, MT 59102

(406) 259-7860

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11901	43-047-32730	Monument Federal #43-19-9-18Y	NE SE	19	9S	18E	Uintah	4-4-96	4-4-96
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 4-22-96. Luc</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES (See instructions on back of form)**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Conrad  
Signature

Operations Secretary 4-12-96  
Title Date

Phone No. ( )



**EQUITABLE RESOURCES  
ENERGY COMPANY**

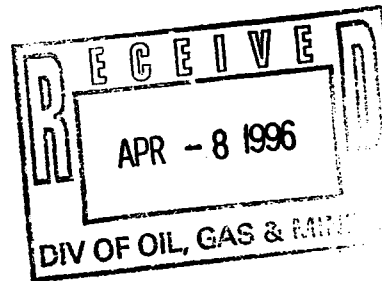
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

S E OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing  
QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

County: See attached list

State: UTAH

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

1996

13.

Name & Signature:

Bobbie Schuman  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-31
2	58-FILE
3	VLM/GIL/24
4	RJE
5	100
6	100

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ~~to Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY</u>	COEROM (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address)	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>		<u>1601 LEWIS AVE</u>
			<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>		phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>		account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-32730</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- See 6. Cardex file has been updated for each well listed above. (4-11-96)
- See 7. Well file labels have been updated for each well listed above. (4-11-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

- # 5578314 (\$80,000) Scheco Ins. Co. (Bond Rider In Progress)
- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

### FILMING

- VB 1. All attachments to this form have been microfilmed. Date: June 03 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

9/6/04/0 BLM/BIA "Formal approval not necessary"



Record#	OPERATOR	well_name	API_NUMBER	SECTION	TOWNSHIP	RANGE	DATEAPPRVD
1937	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-4	43-013-31430	04	09S	16E	12/20/93
2282	EQUITABLE RESOURCES	BALCRON MONUMENT FED 12-14J	43-013-31488	14	09S	16E	03/27/95
2283	EQUITABLE RESOURCES	BALCRON MONUMENT FED 22-14J	43-013-31489	14	09S	16E	03/07/95
2284	EQUITABLE RESOURCES	BALCRON MONUMENT FED 32-14J	43-013-31490	14	09S	16E	03/07/95
2285	EQUITABLE RESOURCES	BALCRON MONUMENT FED 42-14J	43-013-31491	14	09S	16E	04/20/95
2375	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-26	43-013-31512	26	08S	16E	04/20/95
2472	EQUITABLE RESOURCES	BALCRON MON FED 11-10-9-17Y	43-013-31534	10	09S	17E	/ /
2609	EQUITABLE RESOURCES	MONUMENT STATE 23-16-9-17B	43-013-31578	16	09S	17E	01/03/96
2613	EQUITABLE RESOURCES	MONUMENT FEDERAL 23-17-9-17B	43-013-31582	17	09S	17E	02/05/96
2614	EQUITABLE RESOURCES	MONUMENT FEDERAL 13-22-8-17Y	43-013-31583	22	08S	17E	02/22/96
2618	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-22-8-17	43-013-31586	22	08S	17E	02/20/96
2619	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-22-8-17	43-013-31587	22	08S	17E	02/20/96
2620	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-22-8-17	43-013-31588	22	08S	17E	03/25/96
2621	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-6-9-16Y	43-013-31589	06	09S	16E	04/15/96
2622	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-10-9-17Y	43-013-31591	10	09S	17E	/ /
2623	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-10-9-17Y	43-013-31592	10	09S	17E	02/22/96
2201	EQUITABLE RESOURCES	ASP FEDERAL 1	43-027-30033	12	16S	19W	04/27/95
2539	EQUITABLE RESOURCES	COBRA FEDERAL 42-35	43-027-30037	35	15S	19W	/ /
1942	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 41-26	43-047-32456	26	08S	17E	12/21/93
2099	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 42-26	43-047-32531	26	08S	17E	06/01/95
2264	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 32-2	43-047-32609	02	09S	17E	12/29/94
2267	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 34-2	43-047-32611	02	09S	17E	12/29/94
2376	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 43-26	43-047-32668	26	08S	17E	05/08/95
2481	EQUITABLE RESOURCES	BALCRON MON FEDERAL 23-24-8-17	43-047-32710	24	08S	17E	02/13/96
2625	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-20-9-18Y	43-047-32725	20	09S	18E	02/06/96
2635	EQUITABLE RESOURCES	MONUMENT FED 41-35-9-18Y	43-047-32727	35	09S	18E	04/15/96
2636	EQUITABLE RESOURCES	MONUMENT FED 44-31-8-18Y	43-047-32728	31	08S	18E	/ /
→ 2637	EQUITABLE RESOURCES	MONUMENT FEDERAL 43-19-9-18Y	43-047-32730	19	09S	18E	02/05/96

*OH/Pending Status*

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-88618		500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635		2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969		915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563	500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681	660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123	605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554	2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584	1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616	2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680	2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552	671' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406	1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567	2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792	706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793	542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WWV	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795	1980' FNL, 1975' FWL	Vernal	Jonah



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

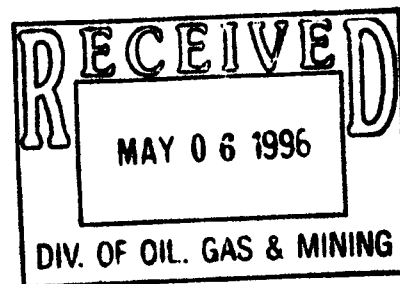
1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7880  
FAX: (406) 245-1385 ☐  
FAX: (406) 245-1361 ☐

**CONFIDENTIAL**

April 23, 1996

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078



Gentlemen:

RE: Monument Federal #43-19-9-18Y  
NE SE Section 19, T9S, R18E  
Uintah County, Utah  
API #43-047-32730

This letter will serve as notice that first production on the subject well was on 4-30-96 at 1:00 p.m.

Please feel free to contact me if you need any additional information.

Sincerely,

Molly Conrad  
Operations Secretary

/mc

cc: **State of Utah, Division of Oil, Gas, & Mining**  
Bobbie Schuman  
Mark Mauritsen, Yates Petroleum  
Isabel - MYCO (VIA FAX)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company,

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 19, T9S, R18E  
2140' FSL & 500' FEL

5. Lease Designation and Serial No.

U-65636

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #43-19-9-18Y

9. API Well No.

43-047-32730

10. Field and Pool, or Exploratory Area

8 Mile Flat /Green River

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Site Security Diagram

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the Site Security Diagram for this well.

14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title

Operations Secretary

Date

6-10-96

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

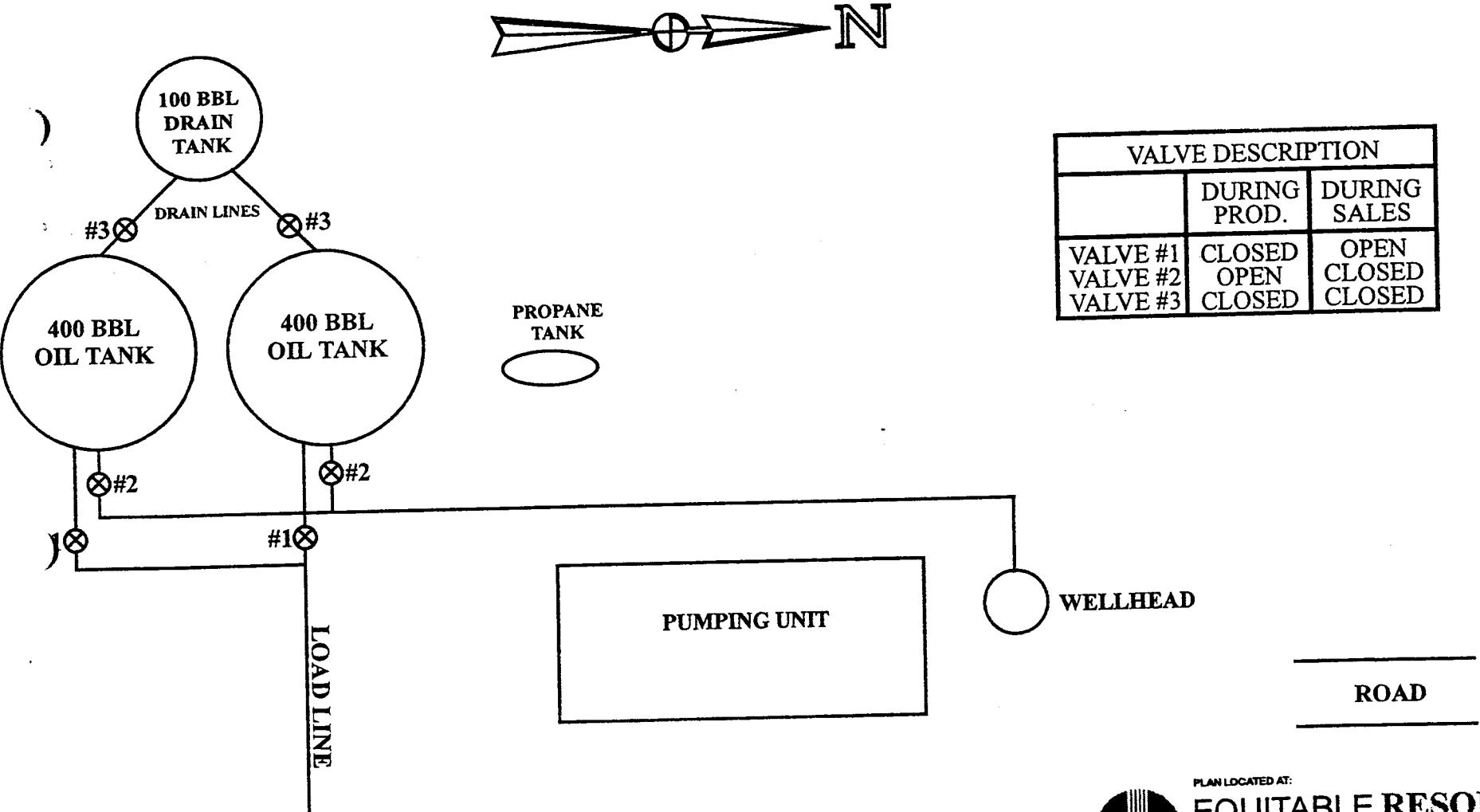
Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side


EQUITABLE RESOURCES ENERGY COMPANY  
 MONUMENT FEDERAL #43-19-9-18Y  
 PRODUCTION FACILITY DIAGRAM

MONUMENT FEDERAL #43-19-9-18Y  
 NW SE SEC. 19, T9S, R18E  
 UINAH COUNTY, UTAH  
 LEASE #U-65636



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:  
**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 WESTERN REGION  
1601 Lewis Avenue  
 Billings, MT 59102  
 (406) 259-7860  
 JUNE 6, 1996

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE SE Section 19, T9S, R18E  
2140' FSL & 500' FEL

5. Lease Designation and Serial No.  
U-65636

6. If Indian, Allottee or Tribe Name  
n/a

7. If Unit or CA, Agreement Designation  
n/a

8. Well Name and No.

Monument Fed. #43-19-9-18Y

9. API Well No.

43-047-32730

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

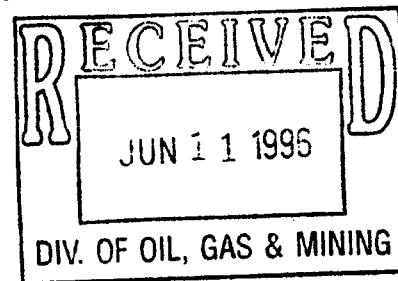
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Onshore Order #7  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct

Signed

*M. J. Conrad*

Title Operations Secretary

Date 6-7-96

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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\*See Instruction on Reverse Side

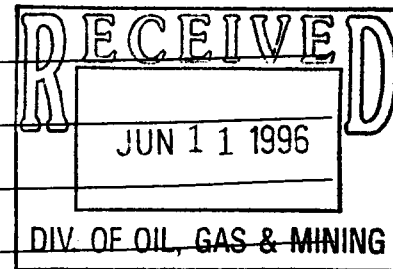
STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #43-19-9-18-Y
- API number: 43-047-32730
2. Well Location: QQ NE SE Section 19 Township 9S Range 18E County Uintah
3. Well operator: Equitable Resources Energy Company
- Address: 1601 Lewis Avenue  
Billings, MT 59102 Phone: (406) 259-7860
4. Drilling contractor: Union Drilling
- Address: Drawer 40  
Buckhannon, WV 26201 Phone: (304) 472-4610
5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see completion report.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

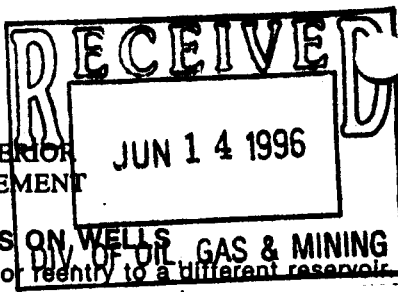
Date: 6-7-96

Name & Signature: Molly Conrad

*Molly Conrad*

Title: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE SE Section 19, T9S, R18E  
2140' FSL & 500' FEL

5. Lease Designation and Serial No.

U-65636

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #43-19-9-18Y

9. API Well No.

43-047-32730

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Onshore Order #7  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad Title Operations Secretary Date 6-7-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

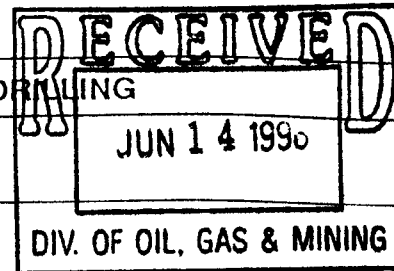
\*See Instruction on Reverse Side



FORM 7  
**CONFIDENTIAL**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING



1. Well name and number: Monument Federal #43-19-9-18-Y

API number: 43-047-32730

2. Well Location: QQ NE SE Section 19 Township 9S Range 18E County Uintah

3. Well operator: Equitable Resources Energy Company

Address: 1601 Lewis Avenue

Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

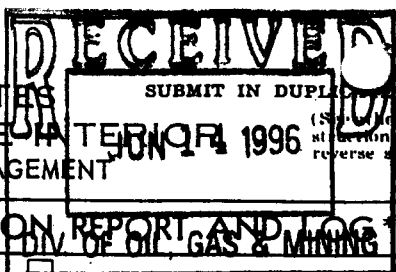
Date: 6-7-96

Name & Signature: Molly Conrad

*Molly Conrad*

Title: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-65636

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Monument Federal

9. WELL NO.

#43-19-9-18Y

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

NE SE Sec. 19, T9S, R18E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐

DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RENVR. ☐

Other ☐

CONFIDENTIAL

2. NAME OF OPERATOR

Equitable Resources Energy Company,

3. ADDRESS OF OPERATOR

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 2140' FSL & 500 FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-047-32730

DATE ISSUED

2-5-96

15. DATE SPUDDED

4-4-96

16. DATE T.D. REACHED

4-10-96

17. DATE COMPL. (Ready to prod.)

4-30-96

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5151' GL

19. ELEV. CASINGHEAD

n/a

20. TOTAL DEPTH, MD & TVD

5350'

21. PLUG, BACK T.D., MD & TVD

5285'

22. IF MULTIPLE COMPL., HOW MANY\*

n/a

23. INTERVALS DRILLED BY

SFC - TD

ROTARY TOOLS

n/a

CABLE TOOLS

n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4685' - 4736'

Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL SDL DSN CBL

MUD LOG 4-12-96

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	263.20' KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5333.49' KB	7-7/8"	260 sxs Super "G" w/additives	None
				270 sxs 50/50 FOZ w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	4797.89' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

4685' - 4720'

4733' - 4736'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4685'-4736'	4704 gallons 2% KCL water.
	Frac with 181,100# 16/30 mesh sand
	with 52,794 gallons 2% KCL gelled water.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-30-96		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-30-96	24	n/a	→	31	N.M.	21	N.M.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	31	N.M.	21	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel.

TEST WITNESSED BY

Dale Griffin

35. LIST OF ATTACHMENTS

n/a

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Molly Conrad

TITLE

Operations Secretary

DATE

6-6-96

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Green River Horsebench SS 2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Green Marker Black Shale Facies Carbonate Marker	1068' 1987' 3495' 4087' 4258' 4456' 4609' 4877' 5046'	1068' 1987' 3495' 4087' 4258' 4456' 4609' 4877' 5046'

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #43-19-9-18Y

**Location: NE SE Section 19, T9S, R18E**

**Uintah County, Utah**

**2140' FSL & 500' FEL**

**API #43-047-32730 (2-5-96)**

**PTD: 5,350' Formation: Green River**

**8 Mile Flat Field**

**Elevations: 5151' GL**

**Contractor: Union Drilling #17**

**Operator: EREC Western Region**

**Spud:**

**Casing:**

### **Tubing:**

04/04/96	Surface Casing and Cement Job
	8-5/8", 24#, J-55 Casing
	Shoe .90'
	Shoe jt 41.90'
	Baffle plate .00'
	5 jts csg 210.40'
	Landing jt 10.00'
	Total csg length 253.20'
	Landed @ 253.20'KB

Cemented with 160 sxs "G" + 2% CaCl<sub>2</sub> + 1/4#/sx cello flake. Return 6 bbls of cement to pit. Plug down @ 11:45 PM.

04/05/96 TD: 285' (285') Day 1  
Formation: Sand & Shale  
Present Operation: NU on 8-5/8" csg.  
DC: \$5,130

CC: \$5,130

04/06/96 TD: 1,653' (1,368') Day 2  
Formation: Sand & Shale  
Present Operation: Drilling 7-7/8" hole  
DC: \$24,624

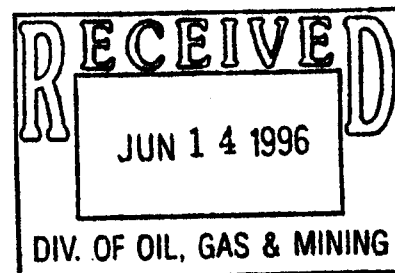
CC: \$29,754

04/07/96 TD: 3,130' (1,477') Day 3  
Formation: Sand & Shale  
Present Operation: Drilling 7-7/8" hole  
DC: \$26,586

CC: \$56,340

04/08/96 TD: 4,024' (894') Day 4  
Formation: Sand & Shale  
Present Operation: Drilling 7-7/8" hole  
DC: \$16,092

CC: \$72,432



## DAILY OPERATING REPORT

### MONUMENT FEDERAL #43-19-9-18Y

**Location:** NE SE Section 19, T8S, R18E

**Utah County, Utah**

**Operator:** EREC Western Region

---TIGHT HOLE---

04/09/96 TD: 4792' (768') Day 5  
Formation: Sand & Shale  
Present Operation: Drilling 7-7/8" hole  
DC: \$13,824

CC: \$86,256

04/10/96 TD: 5350' (558') Day 6  
Formation: Sand & Shale  
Present Operation: Lay Down Drill Pipe.  
DC: \$10,044

CC: \$96,300

04/10/96 Surface csg (5-1/2", 15.5#, J-55) and cement as follows:

Shoe	.90'
Shoe jt	44.14'
Float Collar	1.10'
123 jts csg	5277.35'
Landing jt	10.00'
Total csg length	5323.49'
Depth landed	5333.49'
PBTD	

Cement: Lead - 260 sxs super "G", 47'  
+1/4#/sx cello seal. Tail - 270 sxs, 50/

gel + 2#/sx Hi-seal2

04/11/96 TD: 5350' (0') Day 7  
Present Operation: Shut down.

04/12/96 Waiting on Completion. Drop from report.

4-12-96 Completion  
Dress up location, MI tanks & pump, set rig and  
BOP. TIH w/4-3/4" bit, 5-1/2" csg scraper, &  
w/125 bbls 2% KCL wtr. TOOH w/tbg & tool  
w/1000 psi, TOC @ 1810' KB & perf. RU Cut  
packer, 2-3/8" x 2-7/8" crossover, 2-7/8" SN & 15.  
@ 4636' KB. SWI until 4-17-96.  
DC: \$13,072

CC: \$

04/16/96 SI until 04/17/96.

04/17/96 No report at report time.

43-19-9  
31 5780  
21 water

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #43-19-9-18Y

**Location: NE SE Section 19, T9S, R12E**

**Uintah County, Utah**

**Operator: EREC Western Region**

**---TIGHT HOLE---**

04/18/96

#### Completion

RU BJ Services to break 4685' - 4736'. KCl breakdown as follows: 4704 gals 2% KCl water, 300 ball sealers pumped, saw ball action, no ball out. ATP = 2000psi, ATR = 5.2 bpm, ISIP = 1050psi. TOOH w/tbg, pkr, and retrieving tool. RU to frac 4685' - 4736'. Frac w/52,794 gals 2% KCl gelled water and 181,100 lbs 16/30 sand. ATP = 1750psi, ATR = 35.0 bpm, ISIP = 1800psi, 5 min = 1600psi, 10 min = 1510psi, 15 min = 1470psi, 30 min = 1410. Used 1257 bbls water. Start forced closure flow back, .5 bpm. Flowed back 225 bbls wtr, 0 bbls oil, trace sand. Final pressure 240 psi. SWIFD.

DC: \$55,242

CC: \$194,967

04/18/96

#### Completion

Flow back 145 bbl water, gas cut. TIH w/retrieving tool, 2-3/8" x4' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" seat nipple plus 148 jts, 2-7/8" tbg. Tag sand 4,600' KB, circulate down to BP at 4,772' KB. Pull up and set pkr 4,636' KB. Made 34 swab runs. Recovered 170 bbl water, trace oil, 1% sand, gas cut. Fluid level 1,950' last 7 runs. SWIFD.

DC: \$2,173

CC: \$197,140

4/19/96

#### Completion

Fluid level 450', 2% oil 1<sup>st</sup> run and gas cut. Made 39 swab runs. Recovered 190 bbls water, trace oil, gas cut, no sand. Fluid level 2,200' last 2 runs. SWIFD.

DC: \$2,103

CC: \$199,243

4/20/96

#### Completion

Fluid level 900', 20% oil 1 run. Made 37 swab runs. Recovered 12 bbls oil. Recovered 168 bbls water. GOOD GAS. No sand. Oil 30% last run. Fluid Level 2,200' last 4 runs. SWIFN

DC: \$2,010

CC: \$201,253

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #43-19-9-18Y

**Location: NE SE Section 19, T9S, R18E**

**Uintah County, Utah**

**Operator: EREC Western Region**

**---TIGHT HOLE---**

04/21/96

**Completion**

Bleed tbg down. Release pkr. Tag sand at 4,741' KB. Circulate down to BP at 4,772' KB. Release BP. Used 20 BOW. TOOH w/tbg, pkr & BP. Circulate 16 bbls out of hole.

TIH w/production string (tbg)

	LENGTH	DEPTH KB
1-Notched Pinned Collar	.40'	4,797.89'
1-Jt 2-7/8" EUE J-55 8RD 6.5#	31.07'	4,797.49'
1-Perf sub 2-7/8" x4'	4.20'	4,766.42'
1-Seat nipple 2-7/8"	1.10'	4,762.22'
4-Jts 2-7/8" EUE J-55 8RD 6.5#	125.14'	4,761.12'
1-Tbg Anchor 2-7/8" x 5-1/2" (Trico)	2.75'	4,635.98'
149-Jts 2-7/8" EUE J-55 8RD 6.5#	4,623.23'	4,633.23'
	KB 10.00'	

ND BOP, ND 5M well head, NU 3M well head. Set tbg anchor w/12" tension, 12,000#. Flange up well head.

TIH w/production string rods

1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/SM (Plunger Trico #1160)

1 - 1" x 2' Pony w/2-1/2" guide

1 - 1-1/2" X 25' K-Bar

1 - 1" x 2' Pony w/2-1/2" guide

187 - 3/4" x 25' D-61 plain

1 - 3/4" x 8' Pony

2 - 3/4" x 4' Pony

1 - 3/4" x 2' Pony

1 - 1-1/4" x 22' Polish rod SM

Press, Test DHP & tbg to 1,000 psi, OK.

RDMO

DC: \$1,964

CC: \$203,217

04/30/96

**Completion**

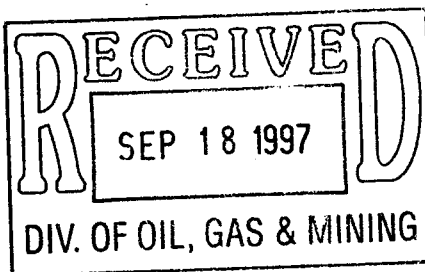
Start well pumping at 1:00 PM, 04/30/96. 6.2 SPM, 86" stroke.

DC: \$29,589

CC: \$232,806

**ERI**

**Equitable Resources Energy Company**  
**Western Region**  
1601 Lewis Avenue  
Billings, MT 59102



43-047-32730

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☐

September 3, 1997

Mr. Raymond Arnold  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Dear Mr. Arnold:

RE: Eight Mile Flat /All Wells  
Sections 19 and 20, T9S, R18E  
Uintah County, Utah  
Vented Gas Volume Calculations

In accordance with your request the gas volumes vented since start up of the Eight Mile Flat wells have been recalculated using the following criteria:

- 1) At start up of the Eight Mile Flat wells it was necessary to supplement fuel gas with propane. Therefore the vented gas to oil ratio was assumed to be zero for the first 30 days of production.
- 2) The vented gas to oil ratio from the first GOR test is applied back to the date of 30 day production due to the lack of better data.
- 3) The vented GOR is assumed to increase or decrease linearly between additional GOR tests.

Please refer to the individual daily production spreadsheets for each well and the summary of gas vented for the wells in the Eight Mile Flat Field. If there are any further questions please contact me at our Billings, Montana office (406-259-7860).

Respectfully,

John Zellitti  
District Production Engineer

Attachments

cc: Utah Division of Oil, Gas and Mining





**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

**Summary Of Gas Vented**

Eight Mile Flat Field  
Sections 19 & 20, T9S, R18E  
Uintah County, Utah

Well Name	Date Of First Production	Average Vented GOR (MSCF/STB)	Cum. Oil Production (STBO)	Calculated Gas Vented From Start Up Of Well (MSCF)
Balcron Federal #41-19Y	8/23/94	5.1363	33,114	46,784
Balcron Federal #31-19Y	4/21/95	2.2055	12,638	14,237
Balcron Federal #42-19Y	4/29/95	3.3734	19,865	36,135
Balcron Federal #12-20Y	5/18/95	2.4710	22,114	27,110
Monument Federal #32-19Y	6/19/95	0.3339	5,566	2,320
Balcron Federal #11-20Y	11/24/95	5.1764	15,068	70,226
Balcron Federal #22-20Y	12/7/95	0.0000	1,180	0
Monument Federal #43-19Y	4/30/96	3.1657	5,004	10,872
Total Gas Vented			114,549	207,684

The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed ( i.e This is a vented GOR and does not include gas used on lease).  
The vented GOR is assumed to be zero for the first 30 days of production due to propane usage to suppliment fuel gas.  
The vented GOR of the first gas test is applied back to the date of 30 day production and is then assumed to increase or decrease linearly between gas tests.



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

**Summary Of Gas Tests**

**Eight Mile Flat Field**  
**Sections 19 & 20, T9S, R18E**  
**Uintah County, Utah**

Well Name	Date Of First Production	Date Of Gas Test	Orifice (Inches)	Casing Pressure (Psig)	Vented Gas (MSCFPD)	30 Day Average Oil Production (STBOPD)	Vented GOR (MSCF/STB)
Balcron Federal #41-19Y	8/23/94	9/21/95	1/4	15	39	36.98	1.0546
		12/23/96	1/8	72	37	9.18	4.0305
		2/27/97	1/8	80	41	4.91	8.3503
		3/22/97	1/4	19	46	6.47	7.1097
							Average GOR: 5.1363
Balcron Federal #31-19Y	4/21/95	9/20/95	1/8	35	21	21.43	0.9799
		2/20/97	1/8	30	19	7.93	2.3960
		3/22/97	1/8	35	21	6.48	3.2407
							Average GOR: 2.2055
Balcron Federal #42-19Y	4/29/95	9/19/95	1/4	45	80	47.32	1.6906
		11/26/96	1/8	73	37	13.43	2.7550
		2/19/97	1/4	25	55	10.82	5.0832
		3/22/97	1/4	13	36	9.08	3.9648
							Average GOR: 3.3734
Balcron Federal #12-20Y	5/18/95	9/21/95	1/4	16	41	62.86	0.6522
		11/20/96	1/8	72	37	15.79	2.3433
		2/19/97	1/8	87	43	12.65	3.3992
		3/21/97	1/8	82	41	11.75	3.4894
							Average GOR: 2.4710
Monument Federal #32-19Y	6/14/95	9/20/95	1/8	0	0	11.91	0.0000
		11/27/96	1/8	8	8	5.99	1.3356
		2/20/97	1/8	0	0	4.61	0.0000
		3/23/97	1/8	0	0	3.55	0.0000
							Average GOR: 0.3339
Balcron Federal #11-20Y	11/24/95	11/20/96	1/8	50	90	16.94	5.3129
		2/19/97	1/4	38	73	15.24	4.7900
		3/21/97	1/4	36	70	12.90	5.4264
							Average GOR: 5.1764
Balcron Federal #22-20Y	12/7/95	Well is not venting gas, uses gas from the #12-22Y for fuel.					
Monument Federal #43-19Y	4/30/96	11/21/96	1/8	63	33	11.74	2.8109
		2/20/97	1/4	12	24	8.88	2.7027
		3/23/97	1/4	9	29	7.28	3.9835
							Average GOR: 3.1657

The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed ( i.e This is a vented GOR and does not include gas used on lease).  
The GOR is assumed to increase or decrease linearly between gas tests.



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

**Payout Calculations**

**Eight Mile Flat Field**  
**Gas Gathering System**

Total estimated cost of gas gathering system from Eight Mile Flat wells to EREC's Monument Butte Gas Plant = \$215,765.00

$$\begin{aligned} \text{Payout} &= \frac{\text{Project Cost}}{(\text{Gas Volume})(\text{Sales Price})(\text{NRI}) - \text{Operating Costs}} = \frac{\$215,765.00}{(\text{Gas Volume})((\$1.50/\text{mscf})(0.825) - \$0.50/\text{mscf})} \\ &= \frac{\$215,765.00}{\text{Gas Volume}((\$1.50/\text{mscf})(0.825) - \$0.50/\text{mscf})} = \frac{\$215,765.00}{(\text{Gas Volume})((\$0.7375/\text{mscf}))} \\ &= \frac{\$292,562.70 \text{ (mscf)}}{\text{Gas Volume (mscfpd)}} \end{aligned}$$

Gas Volume (mscfpd)	Payout (Days)	Payout (Years)
25	11703	32.06
50	5851	16.03
75	3901	10.69
100	2926	8.02
125	2341	6.41
150	1950	5.34
175	1672	4.58
200	1463	4.01
225	1300	3.56
250	1170	3.21
275	1064	2.91
300	975	2.67
325	900	2.47
350	836	2.29
375	780	2.14
400	731	2.00


**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

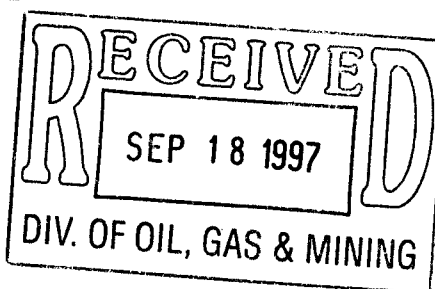
## Daily Production History

Balcron Federal #43-19Y

NE SE Section 10, T9S R18E

Uintah County, Utah

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Calculation Of Vented Gas

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
04/30/96					Started Well			
05/01/96	0.00	92.15		0				
05/02/96	0.00	123.83		0				
05/03/96	83.81	30.02		84		0.000000	0	0
05/04/96	65.03	63.34		149		0.000000	0	0
05/05/96	53.34	55.00		202		0.000000	0	0
05/06/96	46.67	39.99		249		0.000000	0	0
05/07/96	51.65	41.65		301		0.000000	0	0
05/08/96	53.68	40.08		354		0.000000	0	0
05/09/96	62.21	25.01		416		0.000000	0	0
05/10/96	58.36	33.34		475		0.000000	0	0
05/11/96	50.00	35.01		525		0.000000	0	0
05/12/96	53.34	36.66		578		0.000000	0	0
05/13/96	39.99	28.32		618		0.000000	0	0
05/14/96	44.47	31.76		663		0.000000	0	0
05/15/96	31.78	28.25		694		0.000000	0	0
05/16/96	4.26	23.34		699		0.000000	0	0
05/17/96	35.01	20.00		734		0.000000	0	0
05/18/96	33.34	20.00		767		0.000000	0	0
05/19/96	33.33	18.33		800		0.000000	0	0
05/20/96	31.66	18.33		832		0.000000	0	0
05/21/96	31.66	14.99		864		0.000000	0	0
05/22/96	28.75	18.35		892		0.000000	0	0
05/23/96	31.68	15.01		924		0.000000	0	0
05/24/96	28.34	15.01		952		0.000000	0	0
05/25/96	31.68	16.66		984		0.000000	0	0
05/26/96	27.51	13.33		1012		0.000000	0	0
05/27/96	26.67	15.00		1038		0.000000	0	0
05/28/96	26.66	16.66		1065		0.000000	0	0
05/29/96	26.66	13.33		1092		0.000000	0	0
05/30/96	26.66	11.66		1118		0.000000	0	0
05/31/96	23.32	14.99		1142		0.000000	0	0
06/01/96	26.31	13.34	38.93	1168	30 day production	0.000000	0	0
06/02/96	30.02	8.33	37.13	1198	Assume Gas Venting Starts.	2.810900	84	84
06/03/96	27.09	11.67	35.87	1225		2.810900	76	161
06/04/96	26.68		34.98	1252		2.810900	75	236
06/05/96	0.00	20.00	33.43	1252	r-43.35	2.810900	0	236
06/06/96	28.33	8.34	32.65	1280	r-16.67	2.810900	80	315
06/07/96	28.34	10.00	31.80	1308		2.810900	80	395
06/08/96	25.00	10.00	30.56	1333		2.810900	70	465
06/09/96	18.34	18.33	29.23	1352		2.810900	52	517
06/10/96	13.75		28.02	1365		2.810900	39	555
06/11/96	28.34	13.33	27.19	1394		2.810900	80	635
06/12/96	26.66	11.67	26.74	1420		2.810900	75	710
06/13/96	21.67	10.00	25.98	1442		2.810900	61	771
06/14/96	20.00	13.33	25.59	1462		2.810900	56	827
06/15/96	26.26	5.00	26.32	1488		2.810900	74	901
06/16/96	20.84	10.00	25.85	1509		2.810900	59	959
06/17/96	25.01	10.00	25.57	1534		2.810900	70	1030
06/18/96	19.99	15.00	25.13	1554		2.810900	56	1086
06/19/96	20.00	8.33	24.74	1574		2.810900	56	1142

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
06/20/96	21.67	11.66	24.41	1596		2.810900	61	1203
06/21/96	21.66	10.00	24.17	1617		2.810900	61	1264
06/22/96	21.67	5.00	23.84	1639		2.810900	61	1325
06/23/96	13.33	14.99	23.34	1652		2.810900	37	1362
06/24/96	21.67	5.00	23.00	1674		2.810900	61	1423
06/25/96	26.25	6.67	22.96	1700		2.810900	74	1497
06/26/96	21.68	5.00	22.80	1722		2.810900	61	1558
06/27/96	15.01	8.33	22.41	1737		2.810900	42	1600
06/28/96	16.67	11.67	22.07	1754		2.810900	47	1647
06/29/96	21.65	11.70	21.91	1775		2.810900	61	1708
06/30/96	16.71	6.67	21.69	1792		2.810900	47	1755
07/01/96	21.68	11.67	21.53	1814	60 day production	2.810900	61	1816
07/02/96	0.00	11.68	20.53	1814	r-55.03	2.810900	0	1816
07/03/96	28.32	8.33	20.57	1842	r-5.00	2.810900	80	1895
07/04/96	23.75	6.67	20.48	1866		2.810900	67	1962
07/05/96	21.67	5.00	21.20	1888		2.810900	61	2023
07/06/96	21.67	6.66	20.98	1909		2.810900	61	2084
07/07/96	17.09	11.66	20.60	1926		2.810900	48	2132
07/08/96	20.00	6.66	20.43	1946		2.810900	56	2188
07/09/96	18.33	5.00	20.43	1965		2.810900	52	2240
07/10/96	15.00	8.33	20.48	1980		2.810900	42	2282
07/11/96	20.00	8.33	20.20	2000		2.810900	56	2338
07/12/96	13.33	11.67	19.75	2013		2.810900	37	2376
07/13/96	20.42	1.66	19.71	2033		2.810900	57	2433
07/14/96	19.59	8.33	19.70	2053		2.810900	55	2488
07/15/96	21.68	8.33	19.54	2075		2.810900	61	2549
07/16/96	18.34	8.34	19.46	2093		2.810900	52	2601
07/17/96	15.01	6.67	19.13	2108		2.810900	42	2643
07/18/96	20.01	8.34	19.13	2128		2.810900	56	2699
07/19/96	13.34	15.01	18.91	2141		2.810900	37	2736
07/20/96	20.01	8.33	18.85	2161		2.810900	56	2793
07/21/96	20.00		18.80	2181		2.810900	56	2849
07/22/96	18.34	8.33	18.69	2200		2.810900	52	2900
07/23/96	17.49	6.67	18.82	2217		2.810900	49	2950
07/24/96	13.34	5.00	18.55	2231		2.810900	37	2987
07/25/96	21.67	8.33	18.39	2252		2.810900	61	3048
07/26/96	15.00	6.66	18.17	2267		2.810900	42	3090
07/27/96	15.00	6.66	18.17	2282		2.810900	42	3132
07/28/96	18.33	8.33	18.23	2301		2.810900	52	3184
07/29/96	20.00	6.67	18.17	2321		2.810900	56	3240
07/30/96	16.67	5.00	18.17	2337		2.810900	47	3287
07/31/96	8.33	8.33	17.72	2346	90 day production	2.810900	23	3310
08/01/96	20.00	10.00	18.39	2366		2.810900	56	3367
08/02/96	15.00	6.67	17.95	2381		2.810900	42	3409
08/03/96	17.92	6.66	17.75	2398		2.810900	50	3459
08/04/96	23.34	10.01	17.81	2422		2.810900	66	3525
08/05/96	13.34	3.34	17.53	2435		2.810900	37	3562
08/06/96	13.34	6.67	17.41	2448		2.810900	37	3600
08/07/96	16.68	5.00	17.30	2465		2.810900	47	3647
08/08/96	16.67	5.01	17.24	2482		2.810900	47	3693
08/09/96	16.68		17.30	2499		2.810900	47	3740
08/10/96	15.01	11.67	17.13	2514		2.810900	42	3783
08/11/96	11.67	8.33	17.07	2525		2.810900	33	3815
08/12/96	16.67		16.95	2542		2.810900	47	3862
08/13/96	20.00	5.00	16.96	2562		2.810900	56	3918
08/14/96	16.66		16.80	2579		2.810900	47	3965
08/15/96	16.67		16.74	2595		2.810900	47	4012
08/16/96	0.00	21.67	16.24	2595	R-56.67	2.810900	0	4012
08/17/96	17.92		16.17	2613	R-3.33	2.810900	50	4063
08/18/96	30.00	13.33	16.73	2643		2.810900	84	4147
08/19/96	18.33		16.67	2661		2.810900	52	4198
08/20/96	13.34	10.00	16.45	2675		2.810900	37	4236
08/21/96	11.66	6.67	16.22	2686		2.810900	33	4269
08/22/96	15.84		16.17	2702		2.810900	45	4313

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
08/23/96	17.91	10.00	16.32	2720		2.810900	50	4364
08/24/96	16.67		16.16	2737		2.810900	47	4410
08/25/96	10.00	10.00	15.99	2747		2.810900	28	4438
08/26/96	13.34		15.93	2760		2.810900	37	4476
08/27/96	20.01	13.34	15.99	2780		2.810900	56	4532
08/28/96	15.01		15.82	2795		2.810900	42	4574
08/29/96	16.67	10.01	15.82	2812		2.810900	47	4621
08/30/96	13.35		15.99	2825		2.810900	38	4659
08/31/96	16.67	13.34	15.88	2842		2.810900	47	4706
09/01/96	13.34	6.67	15.82	2855		2.810900	37	4743
09/02/96	11.68	6.66	15.62	2867		2.810900	33	4776
09/03/96	15.00		15.34	2882		2.810900	42	4818
09/04/96	21.67	8.33	15.62	2904		2.810900	61	4879
09/05/96	13.33		15.62	2917		2.810900	37	4917
09/06/96	12.50	8.33	15.48	2929		2.810900	35	4952
09/07/96	11.67		15.31	2941		2.810900	33	4984
09/08/96	16.66	15.01	15.31	2958		2.810900	47	5031
09/09/96	15.01		15.31	2973		2.810900	42	5073
09/10/96	10.00	10.00	15.25	2983		2.810900	28	5102
09/11/96	15.00		15.20	2998		2.810900	42	5144
09/12/96	13.33	10.00	14.97	3011		2.810900	37	5181
09/13/96	15.00		14.92	3026		2.810900	42	5223
09/14/96	15.00	15.00	14.86	3041		2.810900	42	5266
09/15/96	11.67	10.00	15.25	3053		2.810900	33	5298
09/16/96	13.76		15.11	3067		2.810900	39	5337
09/17/96	20.41	6.67	14.79	3087		2.810900	57	5394
09/18/96	13.33		14.63	3100	Hot oiled 60.00 bbls	2.810900	37	5432
09/19/96	0.00		14.18	3100	r-53.34	2.810900	0	5432
09/20/96	11.67	18.34	14.18	3112	r-6.66	2.810900	33	5465
09/21/96	18.34		14.27	3130		2.810900	52	5516
09/22/96	13.34	5.00	14.11	3144		2.810900	37	5554
09/23/96	16.68		14.11	3160		2.810900	47	5601
09/24/96	10.00	10.01	14.11	3170		2.810900	28	5629
09/25/96	13.34		14.11	3184		2.810900	37	5666
09/26/96	16.68	10.00	14.00	3200		2.810900	47	5713
09/27/96	15.01		14.00	3215		2.810900	42	5755
09/28/96	10.00	8.34	13.78	3225		2.810900	28	5783
09/29/96	13.34	10.00	13.78	3239		2.810900	37	5821
09/30/96	14.58		13.71	3253		2.810900	41	5862
10/01/96	13.34		13.71	3267		2.810900	37	5899
10/02/96	13.33	15.00	13.77	3280		2.810900	37	5937
10/03/96	15.00		13.77	3295		2.810900	42	5979
10/04/96	9.58	15.00	13.36	3304		2.810900	27	6006
10/05/96	13.34		13.36	3318		2.810900	37	6043
10/06/96	20.00	16.67	13.61	3338		2.810900	56	6100
10/07/96	15.00		13.72	3353		2.810900	42	6142
10/08/96	8.33	8.34	13.45	3361		2.810900	23	6165
10/09/96	13.34		13.39	3375		2.810900	37	6203
10/10/96	6.66	10.00	13.28	3381		2.810900	19	6221
10/11/96	13.34		13.22	3395		2.810900	37	6259
10/12/96	16.66	10.00	13.34	3411		2.810900	47	6306
10/13/96	13.34		13.28	3425		2.810900	37	6343
10/14/96	9.99	11.66	13.11	3434		2.810900	28	6371
10/15/96	13.75		13.18	3448		2.810900	39	6410
10/16/96	11.67		13.11	3460		2.810900	33	6443
10/17/96	16.67	6.66	12.99	3477		2.810900	47	6490
10/18/96	13.33		12.99	3490	Hot oiled 60.00 bbls	2.810900	37	6527
10/19/96		16.67	12.99	3490	r-50.00	2.810900	0	6527
10/20/96	6.67		12.82	3497	r-10.00	2.810900	19	6546
10/21/96	18.34	8.34	12.82	3515		2.810900	52	6597
10/22/96	15.85		12.91	3531		2.810900	45	6642
10/23/96	20.01	8.34	13.02	3551		2.810900	56	6698
10/24/96	18.34		13.29	3569		2.810900	52	6750
10/25/96	8.34	10.01	13.13	3577		2.810900	23	6773

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
10/26/96	15.01		13.07	3592		2.810900	42	6815
10/27/96	6.67	10.01	12.79	3599		2.810900	19	6834
10/28/96	11.67		12.85	3611		2.810900	33	6867
10/29/96	11.67	10.00	12.79	3622		2.810900	33	6900
10/30/96	11.66		12.70	3634		2.810900	33	6933
10/31/96	13.33	9.99	12.70	3647		2.810900	37	6970
11/01/96	11.66		12.64	3659		2.810900	33	7003
11/02/96	9.99	8.33	12.47	3669		2.810900	28	7031
11/03/96	11.67		12.54	3681		2.810900	33	7064
11/04/96	11.66	8.33	12.49	3692		2.810900	33	7096
11/05/96	9.99	6.66	12.15	3702		2.810900	28	7125
11/06/96	10.42		12.00	3713		2.810900	29	7154
11/07/96	18.33	5.00	12.33	3731		2.810900	52	7205
11/08/96	11.67		12.28	3743		2.810900	33	7238
11/09/96	8.33	8.33	12.33	3751		2.810900	23	7262
11/10/96	11.67		12.28	3763		2.810900	33	7294
11/11/96	13.33	8.33	12.17	3776		2.810900	37	7332
11/12/96	11.67		12.11	3788		2.810900	33	7365
11/13/96	13.34		12.22	3801		2.810900	37	7402
11/14/96	15.00	16.66	12.27	3816		2.810900	42	7444
11/15/96	15.00		12.38	3831	Hot oiled 60.01 bbls	2.810900	42	7486
11/16/96	0.00	13.34	11.82	3831	r-26.67	2.810900	0	7486
11/17/96	1.66		11.43	3833	r-33.34	2.810900	5	7491
11/18/96	11.67	6.67	11.82	3845		2.810900	33	7524
11/19/96	11.67		11.99	3856		2.810900	33	7557
11/20/96	13.33	10.00	11.82	3870		2.810900	37	7594
11/21/96	13.33		11.74	3883	Gas Tested @ 33 MSCFPD	2.810900	37	7632
11/22/96	11.67	9.99	11.46	3895	GOR @ 2.8109 MSCFG/STBO	2.809711	33	7664
11/23/96	11.66		11.24	3906		2.808522	33	7697
11/24/96	13.32	8.32	11.40	3920		2.807333	37	7735
11/25/96	11.66		11.29	3931		2.806144	33	7767
11/26/96	9.99	8.32	11.40	3941		2.804955	28	7795
11/27/96	11.66		11.40	3953		2.803766	33	7828
11/28/96	6.66	11.65	11.23	3959		2.802577	19	7847
11/29/96	12.92		11.28	3972		2.801388	36	7883
11/30/96	11.67		11.22	3984		2.800199	33	7916
12/01/96	13.33	8.34	11.28	3997		2.799010	37	7953
12/02/96	11.67		11.33	4009		2.797821	33	7986
12/03/96	8.33		11.22	4017		2.796632	23	8009
12/04/96	8.34	18.34	11.11	4026		2.795443	23	8032
12/05/96	11.67		11.17	4037		2.794254	33	8065
12/06/96	15.00	10.01	11.32	4052		2.793065	42	8107
12/07/96	11.68		11.10	4064		2.791876	33	8139
12/08/96	8.34	8.33	10.99	4072		2.790687	23	8163
12/09/96	11.67		11.10	4084		2.789498	33	8195
12/10/96	11.67		11.10	4096		2.788309	33	8228
12/11/96	11.68		11.04	4107	Hot oiled 60.04 bbls	2.787120	33	8260
12/12/96	0.00	18.34	10.65	4107	r-51.70	2.785931	0	8260
12/13/96	5.00		10.38	4112	r-8.34	2.784742	14	8274
12/14/96	20.01	6.67	10.54	4132		2.783553	56	8330
12/15/96	10.01		10.38	4142		2.782364	28	8358
12/16/96	15.00	9.99	10.88	4157		2.781175	42	8399
12/17/96	11.60		11.21	4169		2.779986	32	8432
12/18/96	6.66	10.00	11.04	4176		2.778797	19	8450
12/19/96	10.00		10.98	4186		2.777608	28	8478
12/20/96	13.32	6.67	10.98	4199		2.776419	37	8515
12/21/96	10.00		10.87	4209		2.775230	28	8543
12/22/96	5.00		10.65	4214		2.774041	14	8557
12/23/96	9.99	6.66	10.60	4224		2.772852	28	8584
12/24/96	10.01		10.48	4234		2.771663	28	8612
12/25/96	10.00		10.43	4244		2.770474	28	8640
12/26/96	13.34	8.33	10.54	4257		2.769285	37	8677
12/27/96	10.00		10.49	4267		2.768096	28	8704
12/28/96	16.66	8.34	10.82	4284		2.766907	46	8750

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
12/29/96	10.42		10.74	4294		2.765718	29	8779
12/30/96	10.00	10.00	10.68	4304		2.764529	28	8807
12/31/96	10.00		10.57	4314		2.763340	28	8834
01/01/97	3.34	10.00	10.29	4318		2.762151	9	8844
01/02/97	10.00		10.35	4328		2.760962	28	8871
01/03/97	11.67	6.66	10.46	4339		2.759773	32	8904
01/04/97	10.00		10.40	4349		2.758584	28	8931
01/05/97	5.00	8.33	10.07	4354		2.757395	14	8945
01/06/97	10.00		10.01	4364		2.756205	28	8972
01/07/97	13.33	11.67	10.18	4378		2.755016	37	9009
01/08/97	10.00		10.12	4388		2.753827	28	9037
01/09/97	6.67	6.66	9.96	4394		2.752638	18	9055
01/10/97	10.00		9.90	4404		2.751449	28	9083
01/11/97	13.33	6.67	10.35	4418		2.750260	37	9119
01/12/97	10.00		10.51	4428		2.749071	27	9147
01/13/97	6.66	8.33	10.07	4434		2.747882	18	9165
01/14/97	10.00		10.07	4444		2.746693	27	9193
01/15/97	8.32		9.84	4453		2.745504	23	9215
01/16/97	9.99		9.79	4463	Hot oiled 59.97 bbls	2.744315	27	9243
01/17/97	0.00		9.57	4463	r-39.99	2.743126	0	9243
01/18/97	5.00	19.98	9.40	4468	r-19.98	2.741937	14	9256
01/19/97	9.99		9.29	4478		2.740748	27	9284
01/20/97	9.99	8.33	9.29	4488		2.739559	27	9311
01/21/97	10.00		9.46	4498		2.738370	27	9339
01/22/97	9.99	11.66	9.46	4508		2.737181	27	9366
01/23/97	12.09		9.53	4520		2.735992	33	9399
01/24/97	11.67	6.67	9.58	4532		2.734803	32	9431
01/25/97	10.01		9.47	4542		2.733614	27	9458
01/26/97	10.00		9.47	4552		2.732425	27	9486
01/27/97	13.34	10.01	9.36	4565		2.731236	36	9522
01/28/97	10.00		9.35	4575		2.730047	27	9549
01/29/97	0.00	11.67	9.01	4575		2.728858	0	9549
01/30/97	11.67		9.07	4587		2.727669	32	9581
01/31/97	1.67	8.34	9.01	4588		2.726480	5	9586
02/01/97	10.00		9.01	4598		2.725291	27	9613
02/02/97	8.34	6.67	8.90	4607		2.724102	23	9636
02/03/97	8.34		8.85	4615		2.722913	23	9658
02/04/97	9.17	10.01	8.99	4624		2.721724	25	9683
02/05/97	8.34		8.93	4632		2.720535	23	9706
02/06/97	5.00		8.65	4637		2.719346	14	9720
02/07/97	14.99	8.33	8.82	4652		2.718157	41	9760
02/08/97	8.33		8.87	4661		2.716968	23	9783
02/09/97	13.33	8.33	8.99	4674		2.715779	36	9819
02/10/97	9.99		8.87	4684		2.714590	27	9846
02/11/97	3.33	11.67	8.65	4687		2.713401	9	9855
02/12/97	16.67		8.99	4704	R-31.67 H2O	2.712212	45	9901
02/13/97	6.67		8.87	4711	R-10.00 H2O	2.711023	18	9919
02/14/97	5.00		8.76	4716		2.709834	14	9932
02/15/97	10.00		8.76	4726	R-11.65 H2O	2.708645	27	9959
02/16/97	10.00		9.10	4736		2.707456	27	9986
02/17/97	3.33		9.04	4739	R-5.00 H2O	2.706267	9	9995
02/18/97	6.67		8.93	4746		2.705078	18	10013
02/19/97	10.00	8.33	8.93	4756	R-1.67 H2O	2.703889	27	10041
02/20/97	8.33		8.88	4764	Gas Tested @ 24 MSCFPD	2.702700	23	10063
02/21/97	13.33		8.99	4777	GOR @ 2.7027 MSCFG/STBO	2.744016	37	10100
02/22/97	0.00	6.66	8.58	4777		2.785332	0	10100
02/23/97	6.66		8.42	4784		2.826648	19	10118
02/24/97	6.66	13.32	8.31	4791		2.867965	19	10138
02/25/97	8.33		8.25	4799		2.909281	24	10162
02/26/97	4.99	5.00	7.97	4804		2.950597	15	10176
02/27/97	8.33		7.92	4812		2.991913	25	10201
02/28/97	11.66	6.66	8.30	4824		3.033229	35	10237
03/01/97	8.33		8.19	4832		3.074545	26	10262
03/02/97	1.66	11.66	8.19	4834		3.115861	5	10268

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Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
03/03/97	8.33		8.14	4842		3.157177	26	10294
03/04/97	8.34	3.33	8.14	4851		3.198494	27	10321
03/05/97	6.67		8.08	4857		3.239810	22	10342
03/06/97	16.68	5.00	8.33	4874		3.281126	55	10397
03/07/97	10.00		8.39	4884		3.322442	33	10430
03/08/97	8.34		8.50	4892		3.363758	28	10458
03/09/97	8.34	6.67	8.28	4901		3.405074	28	10487
03/10/97	8.33		8.28	4909		3.446390	29	10515
03/11/97	8.34		8.11	4917		3.487706	29	10544
03/12/97	6.67	6.67	8.00	4924		3.529023	24	10568
03/13/97	6.67		8.11	4931		3.570339	24	10592
03/14/97	6.67		7.78	4937		3.611655	24	10616
03/15/97	10.01		7.89	4947		3.652971	37	10652
03/16/97	8.34		8.00	4956		3.694287	31	10683
03/17/97	6.67		7.89	4962		3.735603	25	10708
03/18/97	0.00	28.32	7.56	4962		3.776919	0	10708
03/19/97	5.00		7.61	4967		3.818235	19	10727
03/20/97	3.33	6.67	7.50	4971		3.859552	13	10740
03/21/97	6.67		7.39	4977		3.900868	26	10766
03/22/97	13.32	6.67	7.56	4991		3.942184	53	10819
03/23/97	5.00		7.28	4996	Gas Tested @ 29 MSCFPD	3.983500	20	10838
03/24/97	8.33		7.56	5004	GOR @ 3.9835 MSCFPD/STBO	3.983500	33	10872
03/25/97								
03/26/97								
03/27/97								
03/28/97								
03/29/97								
03/30/97								
03/31/97								

Note: The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed ( i.e This is a vented GOR and does not include gas used on lease).  
The vented GOR is assumed to be zero for the first 30 days of production due to propane usage to supplant fuel gas.  
The vented GOR of the first gas test is applied back to the date of 30 day production and is then assumed to increase or decrease linearly between gas tests.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

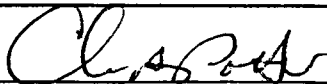
Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 16 1997

13.

Name & Signature:



**CHRIS A. POTTER, ATTORNEY-IN-FACT**

Date:

9/30/97

(This space for State use only)

## INLAND

## Inland Resources Change of Operator

WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
✓ BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
✓ MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
✓ MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
✓ A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
✓ D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
✓ DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
✓ FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
✓ MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
✓ MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
✓ MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
✓ MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
✓ MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
✓ MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
✓ MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
✓ MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
✓ MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
✓ PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
✓ PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
✓ POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
✓ POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
✓ SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00		UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
✓ BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
✓ BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: Lisha  
St of Utah.

FROM. Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.  
Call if you need anything  
further.



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: Change of Operator  
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

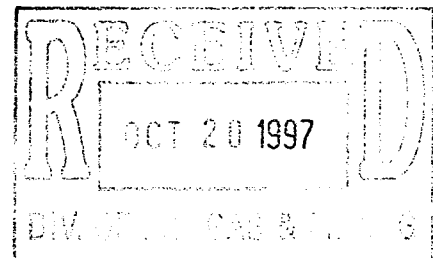
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

*Patsy Barreau*  
Patsy Barreau

/pb  
encls.





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08438

December 5, 1997

Inland Production Company  
475 17th Street, Suite 1500  
Denver, CO 80202

43-047-32730  
Re: Well No. Balcron Federal 43-19Y  
NESE, Sec. 19, T9S, R18E  
Lease U-65635  
Uintah County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company  
ABO Petroleum Corp.  
Myco Industries Inc.  
Yates Drilling Company  
Yates Petroleum Corp.



# EQUITABLE RESOURCES ENERGY COMPANY

**WESTERN REGION**

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FIE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION COMPANY FROM: (old operator) EQUITABLE RESOURCES ENERGY  
 (address) PO BOX 1446 (address) PO BOX 577  
ROOSEVELT UT 84066 LAUREL MT 59044  
 Phone: (801) 722-5103 Phone: (406) 628-4164  
 Account no. N5160 Account no. N9890

WELL(S) attach additional page if needed:

Name: <u>**SEE ATTACHED**</u>	API: <u>43-047-32730</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 12-10-97)
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 10-20-97)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (12-9-97)
6. Cardex file has been updated for each well listed above. (12-10-97)
7. Well file labels have been updated for each well listed above. (12-10-97)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-9-97)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.



### ENTITY REVIEW

- YHC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

### BOND VERIFICATION - (FEE WELLS ONLY)

- N/A YHC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operator's bond files.
- \_\_\_\_ 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

### LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding. *DC 3/21/97*
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

### FILMING

- YHC 1. All attachments to this form have been microfilmed. Today's date: 1.6.98.

### FILING

- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

### COMMENTS

971209 BLM / Verna / Apr 12-4-97.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2140 FSL 0500 FEL NE/SE Section 19, T09S R18E**

5. Lease Designation and Serial No.

**U-65636**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**MONUMENT FEDERAL 43-19-9-18Y**

9. API Well No.

**43-047-32730**

10. Field and Pool, or Exploratory Area

**8 MILE FLAT NORTH**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

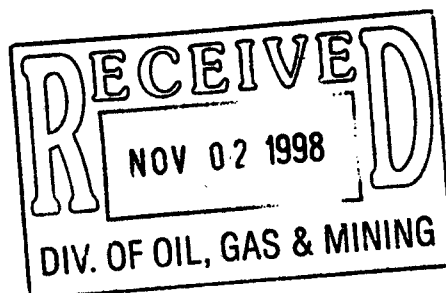
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Debbie E. Knight*

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**OC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Inland Production Company Site Facility Diagram

Monument Federal 43-19Y

NE/SE Sec. 19, T9S, 18E

Uintah County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

## Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

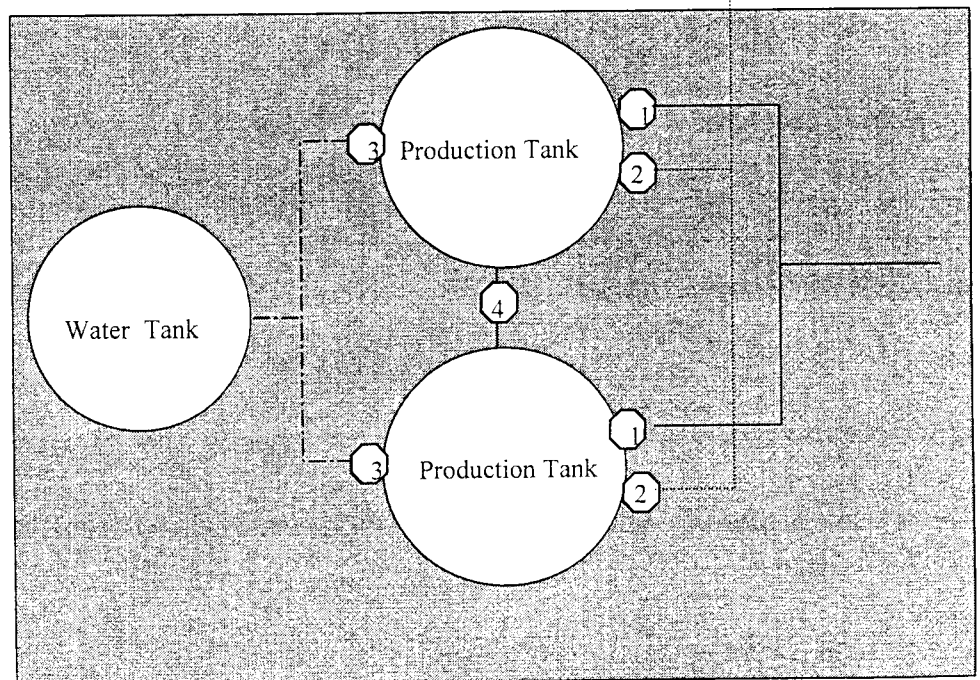
## Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line	.....
Load Line	_____
Water Line	- - - - -
Gas Sales	- . - . - .

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

## 2. Name of Operator

**INLAND PRODUCTION COMPANY**

## 3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2140 FSL 500 FEL NE/SE Section 19, T9S R18E****RECEIVED****OCT 07 2003****DIV. OF OIL, GAS & MINING**

## 5. Lease Designation and Serial No.

**U-65636**

## 6. If Indian, Allottee or Tribe Name

**NA**

## 7. If Unit or CA, Agreement Designation

**SHEEP WASH**

## 8. Well Name and No.

**MONUMENT FED 43-19-9-18Y**

## 9. API Well No.

**43-047-32730**

## 10. Field and Pool, or Exploratory Area

**8 MILE FLAT NORTH**

## 11. County or Parish, State

**UINTAH COUNTY, UT**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Weekly Status Report

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Subject well had recompletion procedures initiated in the Green River formation on 8/22/03. Existing production equipment was pulled from well. A bit and scraper were run. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP3 sands @ 5205-5212' (4 JSPF) fraced down 2 7/8" N-80 tbg w/20,086# 20/40 sand in 183 bbls Viking I-25 fluid. Stage #2: CP2 sands @ 5102-5117' and CP1 sands @ 5077-5088' (All 4 JSPF) fraced down 2 7/8" N-80 tbg w/101,342# 20/40 sand in 752 bbls Viking I-25 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5034', pump seating nipple @ 5132', and end of tubing string @ 5194'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 9/27/03.

## 14. I hereby certify that the foregoing is true and correct

Signed Martha Hall Title Office Manager Date 10/1/2003  
Martha Hall

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

#### 1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



### 3. FILE

### Designation of Agent/Operator

## Merger

**9/1/2004**

**TO: ( New Operator):**  
**N2695-Newfield Production Company**  
**Route 3 Box 3630**  
**Myton, UT 84052**  
**Phone: 1-(435) 646-3721**

Unit:

[illegible]

5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

- Changes entered in the Oil and Gas Database on: 2/28/2005
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

- Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

- (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05